

An aerial night view of a city skyline, likely Dubai, with numerous skyscrapers illuminated. Overlaid on the city are several glowing white arcs that connect different points across the skyline, suggesting a network or data flow. The sky is a deep blue, and the city lights create a warm orange glow. In the bottom right corner, there are decorative circular graphic elements in shades of red and blue.

TMT[®]

PRODUCT SELECTION

AI Video Surveillance Solution Expert

Vision big model

-  Human / vehicle / non-vehicle recognition
-  Multimodality of visual language
-  Greater reasoning power
-  Greater ability to express oneself
-  Natural multilingual interaction
-  More intelligent industrial scenarios
-  AI is reshaping thousands of industries



Financial security

Public security

Education and healthcare

Natural multilingual interaction

... ..

AI vision large model

Billion-parameter large vision model with stronger expressive capabilities, improving the efficiency of security systems. The ability of large models to learn from small samples helps to implement vision AI algorithms in a wide range of industries. Cloud-edge coordinated deployment solutions meet different business needs.

AI ISP image processing

AI noise reduction mines dark light information, significantly improves brightness, and solves the problem of monitoring in dark scenes. AI super-resolution reconstructs image details, breaks through the limits of clarity, and makes the picture more vivid.

AI specialization scene algorithm

Develops and expands niche scenario AI businesses for management, providing AI algorithm solutions that serve to generate efficiency. Provides a variety of specialized products for niche scenarios and complete supporting solutions.

AI security scene algorithm

Focuses on the security-driven AI needs of the security industry, including the behavioral safety of human, vehicles, and non-motor vehicles. Continuously iterates and upgrades to provide industry-leading algorithm accuracy. Promotes high-performance AI deployment on all products.



AI open training platform

Supports a wide range of AI tasks, including classification and detection, in multiple scenarios. Intuitive graphical user interface for easy operation. Supports private deployment for lower costs and greater security.

AI open hardware platform

Provides a full range of open products, including SDC (Software-Defined Camera), SDNVR, and SDBOX. Supports the integration of third-party AI algorithms and business applications for simple customization and low-code development.

Cyber security system construction

To achieve end-to-end cyber security system construction, TVT guarantees security from 10 aspects:



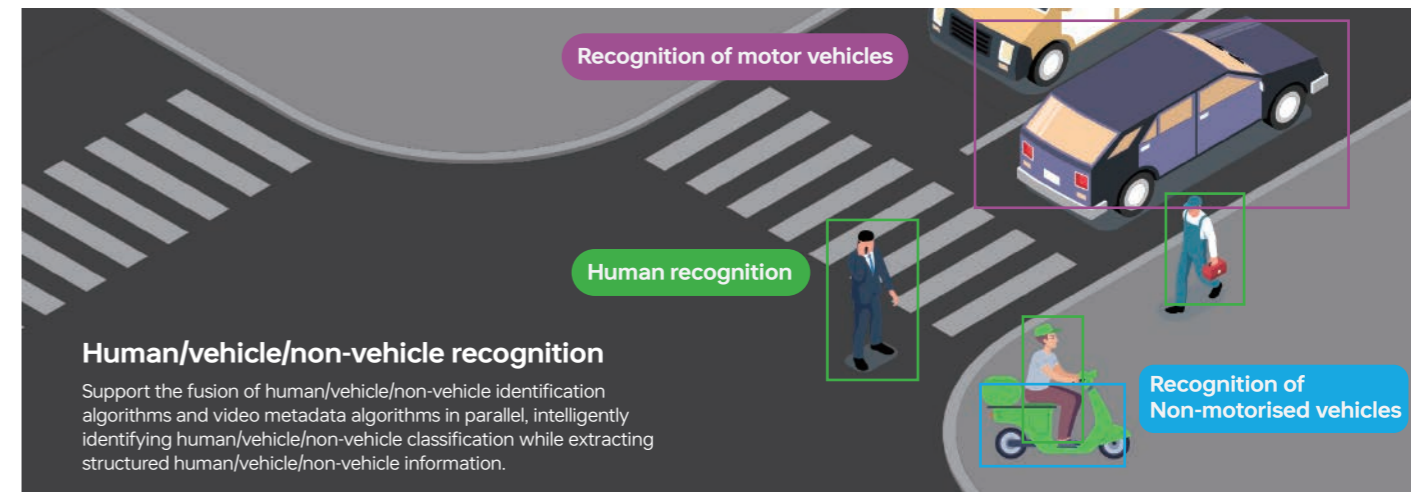
Law and standard compliance

Product Security assurance

Complete security procedure



Fusion of human / vehicle / non-vehicle recognition algorithms and video metadata algorithms



Video metadata

Human



Human: Gender, Age, (Child, Teenager, Youth, Adult, Middle-aged, Elderly).
Direction: Front, Side, Rear
Clothing: Long/short sleeves, Long/short trousers, Skirt
Colour: 13 different colours
Wear: Glasses, Masks, Hat
Carry: Sling bag, Backpack

Motor vehicles



Brand: BMW, Audi, Mercedes-Benz, BYD, etc. up to 128 different brands
Color: 12 different colours can be recognized
Type: SUV, Car, Truck, School Bus, Special vehicles, etc special and other 11 different types
Identify: Identify the main models marketed after
Model: More than 12000 different models can be recognised

Non-motor Vehicle



Classification: Bicycle, tricycle, motorbike, tricycle, electric, etc.

Multi-algorithm fusion AI features

Illegal parking detection

Object abandon/missing detection

Regional leave

Regional entry

False alarms filtering

Video metadata

- Female
- Long sleeve
- Shorts
- Young
- Yellow
- Blue

Line crossing **Regional intrusion** **Regional entry/leave detection** **Video metadata** **Loitering detection**

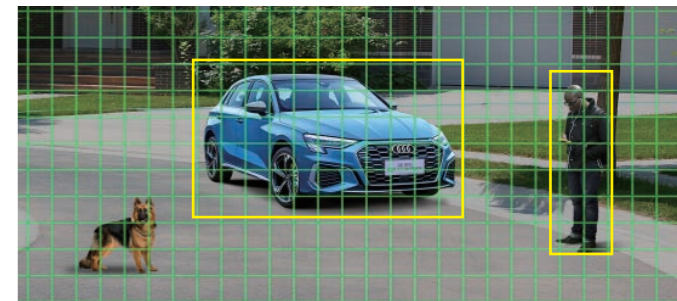
Heat map **Targeting counting** **Object abandon/missing detection** **Face detection** **Illegal parking detection**

SMD SMD greatly improve the recognition accuracy



Traditional MD

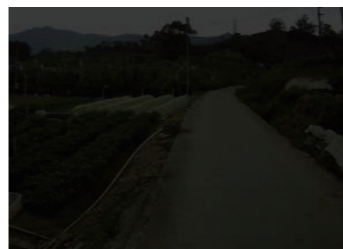
By comparing the images collected in the warning area, the changes of the image are detected, and then the events such as object movement and regional intrusion are identified. The sensitivity and accuracy are relatively low, and it is easy to be affected by environmental factors, the misjudgment and false alarm rate are relatively high.



SMD

SMD can effectively filter the impact of environmental factors such as small animals, flags, tree swings, light and shadow changes through AI algorithm identification, resulting in accurately detect the alarm caused by human, vehicles, etc., greatly reducing the false alarm rate. Easy to use without complicated setup.

AI ISP Intelligent AI ISP algorithm, Dramatically improves imaging quality



Traditional ISP



AI Powered ISP

TVT new series, all developed based on intelligent AI ISP algorithms, significantly improve imaging processing in terms of noise elimination, color reproduction, wide dynamics, high light suppression and other aspects through AI algorithms, comprehensively improving the image quality of dark light scenes

Intelligent security solution (Perimeter detection)



Perimeter protection scenario

- Climb guardrail fence
- Trampling lawn warning
- Night time anti-theft monitoring
- Hazardous waters
- High voltage hazardous area
- Thermal imaging monitoring of complex areas

24/7 Attended guardian

Liberating manpower with technology, truly realize uninterrupted vigilance throughout the day with smart security protection.

AI deep learning algorithm

Human/vehicle classification in a variety of complex scene with high accuracy

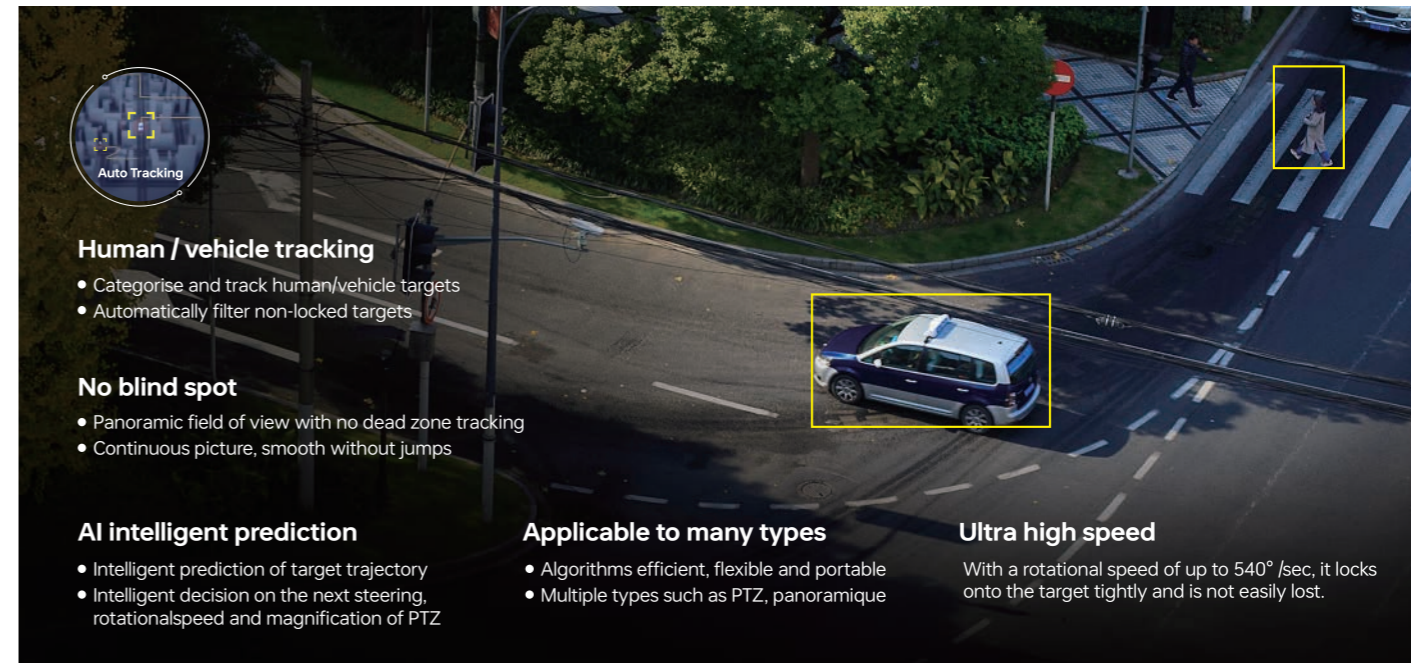
Strong anti-interference ability

All-weather adaptive, intelligently filtering interferences from environmental factors such as light and shadow, flags, trees, small animals, etc.

Intelligent human-machine interaction

Intelligent active linkage, intelligent human figure detection, two-way intercom, sound and light warning.

Intelligent security solution (Intelligent tracking)



Human / vehicle tracking

- Categorise and track human/vehicle targets
- Automatically filter non-locked targets

No blind spot

- Panoramic field of view with no dead zone tracking
- Continuous picture, smooth without jumps

AI intelligent prediction

- Intelligent prediction of target trajectory
- Intelligent decision on the next steering, rotational speed and magnification of PTZ

Applicable to many types

- Algorithms efficient, flexible and portable
- Multiple types such as PTZ, panoramique

Ultra high speed

With a rotational speed of up to 540° /sec, it locks onto the target tightly and is not easily lost.

AI intelligent tracking algorithm

The same intelligent tracking algorithm can intelligently classify human/vehicles, identify multiple targets, and support large scene monitoring, multi-target tracking, key target tracking, close-up tracking and other scene applications. Lock the target, intelligently control the high-speed PTZ, magnification, and auto-focus to get more accurate target detail information. At the same time, multiple alert zones can be set up to prioritise monitoring of key areas. Automatically filter non-locked targets with excellent compatibility and anti-interference ability.



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Eight **DVR**

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132 21 Series

134 20 Series

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137 Management Server

139 All-in-One Server

141 Storage Server

142 Decoder

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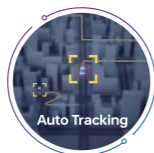
Ten

147 SuperCam

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150 Cloud platform

Get the whole scene and details in one view



PTZ CAMARA

- Rich selection of PTZs, up to 50x optical zoom
- Human / vehicle identifying
- Auto tracking
- IP67 & IK10, 7x24h harsh weather





Model	TD-8343IE2N(A/PE/04M/AR5)	TD-8343IE3N(A/PE/04M/AR5)	TD-8423IS3LN(PE/15M/AR20)	TD-8423IS(PE/20M/AR15)
Image	 3" 4MP 4x IR Network Active Deterrence Mini PTZ	 3" 4MP 4x IR Network Active Deterrence Mini PTZ	 4" 2MP 15x IR Network PTZ	 4" 2MP 20x IR Network Speed Dome
Min. Illumination	Color: 0.01 Lux @ F1.6 B/W: 0.002 Lux @ F1.6	Color: 0.01 Lux @ F1.6 B/W: 0.002 Lux @ F1.6	Color: 0.002 Lux @ F1.6 B/W: 0.0004 Lux @ F1.6	Color: 0.006 Lux @ F1.6 B/W: 0.003 Lux @ F1.6
Focus length	f=2.8-12mm	f=2.8-12mm	f=5-75mm	f=5.5-110mm
Optical zoom	4x	4x	15x	20x
Pan range	0~355°	0~355°	360°	360°
Tilt range	-5° ~ 90°	-5° ~ 90°	-10° ~ 90°	-5° ~ 90°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	IR + White light	IR + White light	200m IR dstance	150m IR distance
Audio	1Ch audio input, 1Ch audio output, 1CH Built-in speaker, 1CH Built-in MIC	1Ch audio input, 1Ch audio output, 1CH Built-in speaker, 1CH Built-in MIC	N/A	N/A
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265 / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	N/A
Intelligent analytics	AI-based human vehicle detection & classification and tracking, perimeter precaution, crossing line, etc.	AI-based human vehicle detection & classification and tracking, perimeter precaution, crossing line, etc.	AI-based human vehicle detection & classification and tracking, perimeter precaution, crossing line, etc.	Object removal detection, Intrusion detection, Line crossing detection, People intrusion and People counting etc.
Working condition	-40° C~55° C (-40° F~131° F), ≤ 90%RH	-40° C~55° C (-40° F~131° F), ≤ 90%RH	-40° C~70° C, ≤ 90%RH	-30° C~55° C (-22° F~131° F), ≤ 90% RH
Protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66 Standard, 4000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum alloy + Polymer	Aluminum alloy + Polymer	Aluminum alloy + PC+GF15%	Aluminum alloy + PC+GF15%
Power	DC12V / PoE+ (802.3.at)	DC12V / PoE+ (802.3.at)	DC12V / PoE (802.3.at)	DC12V / PoE (802.3.at)
Dimensions (mm)	Φ 130 x 162	Φ 130 x 162	Φ 173 x 268	Φ 173 x 247
Net weight (Kg)	1.2	1.2	2.0	2.1




Model	TD-8423IS3N(PE/25M/AR30)	TD-8443IS2N(PE/25M/AR16)	TD-8483IS2N(PE/25M/AR15)	TD-8483IS3N(PE/25M/AR15)
Image	 4" 2MP 25X IR Network PTZ	 4" 4MP 25X IR Network Smart PTZ	 4" 8MP 25X IR Network Smart PTZ	 4" 8MP 25X IR Network Smart PTZ
Min. Illumination	Color: 0.00125 Lux @ F1.6 B/W: 0.00025 Lux @ F1.6	Color: 0.01 Lux @ F1.65 B/W: 0.002 Lux @ F1.65	Color: 0.01 Lux @ F1.65 B/W: 0.002 Lux @ F1.65	Color: 0.01 Lux @ F1.65 B/W: 0.002 Lux @ F1.65
Focus length	f=4.8-120mm	f=4.8-120mm	f=4.8-120mm	f=4.8-120mm
Optical zoom	25x	25x	25x	25x
Pan range	360°	360°	360°	360°
Tilt range	-10° ~ 90°	-10° ~ 90°	-10° ~ 90°	-10° ~ 90°
Action mode	Preset / Cruise / Trace / Auto Scan / Random Scan	Preset / Cruise / Trace / Auto Scan / Random Scan	Preset / Cruise / Trace / Auto Scan / Random Scan	Preset / Cruise / Trace / Auto Scan / Random Scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	300m IR distance	160m IR distance	150m IR distance	150m IR distance
Audio	1Ch audio input, 1Ch audio output	1Ch audio input (MIC in), 1Ch audio output	1Ch audio input (MIC in), 1Ch audio output	1Ch audio input (MIC in), 1Ch audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711 A / U	G.711 A / U	G.711 A / U	G.711 A / U
Intelligent analytics	Deep-learning engine, support human / vehicles detection, auto-tracking	Smart tracking of human / vehicle, Smart detection and perimeter protection	Smart tracking of human / vehicle, Smart detection and perimeter protection	Smart tracking of human / vehicle, Smart detection and perimeter protection
Working condition	-40° C ~ 65° C (-44° F ~ 149° F), ≤ 90%RH	-40° C ~ 60° C (-40° F ~ 140° F), ≤ 90% RH	-40° C ~ 60° C (-40° F ~ 140° F), ≤ 90% RH	-40° C ~ 60° C (-40° F ~ 140° F), ≤ 90% RH
Protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum Alloy + Polymer	Aluminum alloy + Plastic / GF15%	Aluminum alloy + Polymer	Aluminum alloy + Polymer
Power	DC12V / PoE (802.3.at)	DC12V / PoE+ (802.3.at)	DC12V / PoE+ (802.3.at)	DC12V / PoE+ (802.3 at)
Dimensions (mm)	Φ 173 x 268	Φ 173 x 268	Φ 173 x 268	Φ 173 x 268
Net weight (Kg)	2.1	2.1	2.1	2.1

Model	TD-8523IE3N(PE/25M/AR30)	TD-8523IE3N(PE/32M/AR30)	TD-8523IE3N(PE/40M/AR40)	TD-8543IE3N(PE/25M/AR30)
Image	 5" 2MP 25X IR PoE AI PTZ Dome Camera	 5" 2MP 32X IR PoE AI PTZ Dome Camera	 5" 2MP 40X IR PoE AI PTZ Dome Camera	 5" 4MP 25X IR AI PTZ Dome Camera
Min. Illumination	Color: 0.00125 Lux @ F1.55 B/W: 0.00025 Lux @ F1.55	Color: 0.00125 Lux @ F1.65 B/W: 0.00025 Lux @ F1.65	Color: 0.001 Lux @ F1.2 B/W: 0.0002 Lux @ F1.2	Color: 0.001 Lux @ F1.55 B/W: 0.002 Lux @ F1.55
Focus length	f=4.8-120mm	f=4.8-154mm	f=4.5-180mm	f=4.8-120mm
Optical zoom	25x	32x	40x	25x
Pan range	360°	360°	360°	360°
Tilt range	-25° ~ 155°	-25° ~ 155°	-25° ~ 155°	-25° ~ 155°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	300m IR distance	300m IR distance	400m IR distance	300m IR distance
Audio	1Ch audio input, 1Ch audio output	1Ch audio input, 1Ch audio output	1Ch audio input, 1Ch audio output	1Ch audio input, 1Ch audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking
Working condition	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 95% RH
Protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum alloy + Polymer	Aluminum alloy + Polymer	Aluminum alloy + Polymer	Aluminum alloy + Polymer
Power	DC24V / PoE+ (802.3.at)	DC24V / PoE+ (802.3.at)	DC24V / PoE++ (802.3.bt)	DC24V / PoE+ (802.3.at)
Dimensions (mm)	Φ 197 x 302	Φ 197 x 302	Φ 197 x 302	Φ 197 x 302
Net weight (Kg)	2.8	2.82	2.9	2.8

Model	TD-8543IE(PE/30M/AR10)	TD-8543IE3N(PE/32M/AR30)	TD-8543IE3N(PE/40M/AR35)	TD-8543IE3N(PE/40M/AR36)
Image	 5" 4MP 30X Starlight IR Network PTZ Camera	 5" 4MP 32X IR AI PTZ Dome Camera	 5" 4MP 40X IR AI PTZ Dome Camera	 5" 4MP 40X IR AI PTZ Dome Camera
Min. Illumination	Color: 0.01 Lux @ F1.5 B/W: 0.002 Lux @ F1.5	Color: 0.01 Lux @ F1.65 B/W: 0.002 Lux @ F1.65	Color: 0.005 Lux @ F1.2 B/W: 0.001 Lux @ F1.2	Color: 0.005 Lux @ F1.2 B/W: 0.001 Lux @ F1.2
Focus length	f=4.7-141mm	f=4.8-154mm	f=4.5-180mm	f=4.5-180mm
Optical zoom	30x	32x	40x	40x
Pan range	360°	360°	360°	360°
Tilt range	-3° ~ 90°	-25° ~ 155°	-25° ~ 155°	-25° ~ 155°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	100m IR distance	300m IR distance	350m IR distance	350m IR distance
Audio	1CH Audio input (Mic in), 1Ch Audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+/H.265/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Smart tracking of human / vehicle, Smart detection and perimeter protection	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking
Working condition	-30° C ~ 65° C (-44° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 90%RH
Protection	IP66, 6000V Lightning protection, Surge protection and Voltage transient protection.	IP66, 6000V Lightning protection, Surge protection and Voltage transient protection.	IP66, 6000V Lightning protection, Surge protection and Voltage transient protection.	IP66, 6000V Lightning protection, Surge protection and Voltage transient protection.
Shield material	Aluminum alloy + Plastic	Aluminum alloy + Polymer	Aluminum alloy + Polymer	Aluminum alloy + Polymer
Power	DC24V / AC24V / PoE+ (802.3.at)	DC24V / PoE+ (802.3.at)	DC24V / PoE+ (802.3.at)	DC24V / PoE+ (802.3.at)
Dimensions (mm)	Φ 209 x 328	Φ 197 x 302	Φ 197 x 302	Φ 197 x 302
Net weight (Kg)	3.7	2.8	2.9	2.9

Model	TD-8583IE2N(PE/32M/AR20)	TD-8583IE3N(PE/32M/AR20)	TD-8623IE(PE/32M/AR20)	TD-8723IE2N(PE/32M/AR40)
Image	 5" 8MP 32X IR Network Smart PTZ Camera	 5" 8MP 32X IR PoE AI PTZ Dome Camera	 7" 2MP 32X Starlight IR Smart Network PTZ Camera	 7" 2MP 32X IR Network Turret Speed PTZ Camera
Min. Illumination	Color: 0.01 Lux @ F1.2 B/W: 0.002 Lux @ F1.2	Color: 0.01 Lux @ F1.3 B/W: 0.002 Lux @ F1.3	Color: 0.005 Lux @ F1.6 B/W: 0.001 Lux @ F1.6	Color: 0.00125 Lux @ F1.65 B/W: 0.00025 Lux @ F1.65
Focus length	f=4.8-154mm	f=4.8-154mm	f=4.5-144mm	f=4.8-154mm
Optical zoom	32x	32x	32x	32x
Pan range	360°	360°	360°	360°
Tilt range	-5° ~ 90°	-25° ~ 155°	-25° ~ 180°	-25° ~ 155°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	200m IR distance	200m IR distance	200m IR distance	400m IR distance
Audio	1Ch audio input (MIC in), 1Ch audio output	1Ch audio input, 1Ch audio output	1Ch audio input, 1Ch audio output	1Ch audio input, 1Ch audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	2CH alarm input, 2CH alarm output	2CH alarm input, 2CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264/MJPEG	Smart H.265/H.264/MJPEG	Smart H.265+/H.265/H.264+/H.264/MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Intelligent Video content analytics, Smart tracking of human / vehicle, Smart detection and perimeter protection.	1.5Tops Deep-learning engine, support human / vehicles detection, auto-tracking.	0.5Tops Deep-learning engine, Smart tracking of human / vehicle, Smart detection and perimeter precaution.	Human / vehicle / no-motor classification, perimeter protection, face detection and capture, human / vehicles smart-tracking, etc.
Working condition	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 95% RH	-40° C ~ 65° C (-40° F ~ 149° F), ≤ 95% RH	-50° C ~ 65° C (-58° F ~ 149° F), ≤ 95% RH	-40° C ~ 70° C (-58° F ~ 158° F), ≤ 95% RH
Protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum alloy + Plastic	Aluminum alloy + Polymer	Aluminum alloy + PC	Aluminum alloy
Power	DC24V / AC24V / PoE++ (802.3.bt)	DC24V / PoE++ (802.3.bt)	AC24V / DC24V / PoE+ (802.3.bt)	AC24V / PoE++ (802.3.bt)
Dimensions (mm)	Φ 196 x 317	Φ 197 x 302	Φ 219.9 x 358.5	Φ 219.9 x 358.5
Net weight (Kg)	3.7	2.82	6.0	6.0

Model	TD-8743IE2N(PE/32M/AR30)	TD-8743IM2N(PE/37M/AR40)	TD-8783IM2N(PE/37M/AR30)	TD-8623IE(A)/PE/32M/AR20)
Image	 7" 4MP 32X IR Network Turret Speed PTZ Camera	 7" 4MP 37X IR Network Turret Speed PTZ Camera	 7" 8MP 37X IR Network Turret Speed PTZ Camera	 7" 2MP 32X Starlight IR Smart Network PTZ Camera
Min. Illumination	Color: 0.01 Lux @ F1.65 B/W: 0.001 Lux @ F1.65	Color: 0.0005Lux @ F1.2 B/W: 0.0001Lux @ F1.2	Color: 0.001Lux @ F1.2 B/W: 0.0002Lux @ F1.2	Color: 0.005Lux @ F1.6 B/W: 0.001Lux @ F1.16
Focus length	f=4.8-154mm	f=6-222mm	f=6-222mm	f=4.5-144mm
Optical zoom	32x	37x	37x	32x
Pan range	360°	360°	360°	360°
Tilt range	-25° ~ 155°	-25° ~ 155°	-25° ~ 155°	-25° ~ 180°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Random scan / Boundary scanning / Dome reboot	Preset / Cruise / Trace / Auto scan / Random scan	Action mode preset / Cruise / Trace / Auto scan / Random scan
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	300m IR distance	400m IR distance	300m IR distance	200m IR distance, 30m White light
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output, 1CH Built-in speaker
Alarm	2CH alarm input, 2CH alarm output	2CH alarm input, 2CH alarm output	2CH alarm input, 2CH alarm output	2CH alarm input, 2CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Human / vehicle / no-motor classification, perimeter protection, face detection and capture, CPL, human / vehicles smart-tracking, etc.	Human / vehicle / no-motor classification, perimeter protection, face detection and capture, CPL, human / vehicles smart-tracking, etc.	Human / vehicle / no-motor classification, perimeter protection, face detection and capture, CPL, human / vehicles smart-tracking, etc.	Smart tracking of human / vehicle, Strobe light & audio upon intrusion events
Working condition	-40° C ~ 70° C (-58° F ~ 158° F), ≤ 95%RH	-40° C ~ 70° C (-58° F ~ 158° F), ≤ 95%RH	-40° C ~ 70° C (-58° F ~ 158° F), ≤ 95%RH	-50° C ~ 70° C (-58° F ~ 158° F), ≤ 95%RH
Protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Power	AC24V / PoE++ (802.3.bt)	AC24V / PoE++ (802.3.bt)	AC24V / PoE++ (802.3.bt)	DC24V / AC24V / PoE++ (802.3.bt)
Dimensions (mm)	Φ 219.9 x 358.5	Φ 219.9 x 358.5	Φ 219.9 x 358.5	Φ 219.9 x 358.5
Net weight (Kg)	6.0	6.0	6.0	6.0

Model	TD-8843IM2N(PE/WP/37M/VL80)	TD-8883IM2N(PE/WP/37M/VL80)	TD-8843IM2N(PE/50M/WP/AR50)	TD-8883IM2N(PE/50M/WP/AR50)
Image	 8" 4MP 37X IR Laser Network PTZ Camera	 8" 8MP 37X IR Laser Network PTZ Camera	 8" 4MP 50X IR Network PTZ Camera	 8" 8MP 50X IR Network PTZ Camera
Min. Illumination	Color: 0.0005 Lux @ F1.2 B/W: 0.0001 Lux @ F1.2	Color: 0.001 Lux @ F1.2 B/W: 0.0002 Lux @ F1.2	Color: 0.00065 Lux @ F1.4 B/W: 0.00013 Lux @ F1.4	Color: 0.0013 Lux @ F1.4 B/W: 0.00026 Lux @ F1.4
Focus length	f=6-222mm	f=6-222mm	f=5.3-265mm	f=5.3-265mm
Optical zoom	37x	37x	50x	50x
Pan range	360°	360°	360°	360°
Tilt range	-25° ~ 155°	-25° ~ 155°	-20° ~ 180°	-20° ~ 180°
Action mode	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Auto scan / Random scan	Preset / Cruise / Trace / Random Scan / Boundary Scanning / Dome reboot	Preset / Cruise / Trace / Random Scan / Boundary Scanning / Dome reboot
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	800m IR distance	800m IR distance	500m IR distance	500m IR distance
Audio	7CH audio input, 2CH audio output	7CH audio input, 2CH audio output	7CH audio input, 2CH audio output	7CH audio input, 2CH audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG	Smart H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	The built-in 1.5Tops AI engine could support multiple AI rules running at the same time: human / vehicle / no-motor classification, perimeter protection, face detection and capture, CPL, human/vehicles smart-tracking, etc.			
Working condition	-40° C ~ 70° C (-48° F ~ 158° F), ≤ 90%RH	-40° C ~ 70° C (-48° F ~ 158° F), ≤ 90%RH	-40° C ~ 70° C (-48° F ~ 158° F), ≤ 90%RH	-40° C ~ 70° C (-48° F ~ 158° F), ≤ 90%RH
Protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection	IP67, IK10, 6000V Lightning protection, Surge protection and Voltage transient protection
Shield material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Power	AC24V / DC36V / PoE (802.3.bt)	AC24V / DC36V / PoE (802.3.bt)	AC24V / PoE (802.3.bt)	AC24V / PoE (802.3.bt)
Dimensions (mm)	Φ 278 x 435.5	Φ 278 x 435.5	Φ 278 x 443.5	Φ 278 x 443.5
Net weight (Kg)	8.8	8.8	9.4	9.4

PANORAMIC CAMARA

- Analyze crowd density and record actions
- Alarm triggered by multi-rules: line crossing, exit and entrance, perimeter protection, etc.
- Built-in MIC & speaker, two-way talk



180° Panoramic Network Camera

- DWDR, 3D DNR, BLC, HLC
- Covers a large public area to count crowd density, record actions.
- Alarm triggered by multi-rules: line crossing, intrusion, device error
- 5 zones of e-PTZ, 4zones of privacy masks, and custom logo support.
- ONVIF specifications, interoperability between network video products, regardless of manufacturer
- One IP, one cable, reducing total fees

360° Panoramic Network Camera

- One IP address, One Cable(PoE+),One bracket, reduces TOC(total owner cost)
- Advanced real-time stitching technology without geometry, brightness and color gap
- VCA: face, human/vehicle detection, intrusion, line crossing, etc.
- Alarm driven by multi-rules: cross line, intrusion, device error, etc.
- ONVIF specifications, interoperability between network video products regardless of manufacturer

Model	TD-6424M3	TD-6444M3	TD-6528M3	TD-6324E3
Image	 8MP Stitched 180° Panoramic Network Camera	 16MP Stitched 180° Panoramic Network Camera	 Outdoor 8x2MP Stitched 360° Panoramic Network IR Dome Camera	 Outdoor 4x2MP Panoramic Quad-Directional Starlight IR Dome Network Camera
Min. Illumination	Color: 0.008 Lux @ F2.0 B/W: 0.0016 Lux @ F2.0	Color: 0.008 Lux @ F2.0 B/W: 0.008 Lux @ F2.0	Color: 0.008 Lux @ F2.0 B/W: 0.008 Lux @ F2.0	Color: 0.005 Lux @ F1.6 B/W: 0.001 Lux @ F1.6
Max. Resolution	4096 x 1800	5520 x 2400	8192 x 1800	3840 x 2160
Focus length	3.3mm x 4lens	4.5mm x 4lens	3.3mm x 8lens	4.0mm x 4lens
Aperture	F2.0	F2.0	F2.0	N/A
Stitching FOV	Horizontal: 180° , Vertical: 85°	Horizontal: 180° , Vertical: 85°	Horizontal: 2x180° , Vertical: 85°	Horizontal: 90° , Vertical: 50°
White balance	Auto / Manual / Indoor / Outdoor	Auto / Manual / Indoor / Outdoor	Auto / Manual / Indoor / Outdoor	Auto / Manual / Indoor / Outdoor
Stream	Third stream	Third stream	Third stream	Third stream
Supplement light	20m IR range	25m IR range	20m IR range	25m IR range
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH aarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
RS485	YES	YES	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Smart H.265 / H.264 / MJPEG	Smart H.265 / H.264 / MJPEG	Smart H.265 / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Motion detection, Face recognition, Crowd Density Statistics, Intrusion detection, line crossing detection, region entrance detection, region exiting detection, ePTZ.		Human / vehicle detection and classification, Face comparison, Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Scene change detection, etc.	
Working condition	-30° C ~ 60° C (-22° F ~ 140 ° F), 90%RH	-30° C ~ 60° C (-22° F ~ 140 ° F), 90%RH	-30° C ~ 55° C (-22° F ~ 131 ° F), 90%RH	-30° C ~ 55° C (-22° F ~ 131 ° F), 90%RH
Protection	IP67, IK10, 6000V Lightning protection, surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, surge protection and Voltage transient protection	IP66, IK10, 6000V Lightning protection, surge protection and Voltage transient protection
Shield material	Aluminum Alloy + Plastic	Aluminum Alloy + PC(GF)	Aluminum Alloy + Plastic	Aluminum Alloy+ Plastic
Power	DC12V / PoE (802.3.af)	DC12V / PoE+ (802.3.at)	AC24V / DC12V / PoE++ (802.3.bt)	AC24V / DC12V / PoE+ (802.3.at)
Dimensions (mm)	288.4 x 159.7 x 137.8	288.4 x 159.7 x 137.7	Φ 273 x 180	Φ 273 x 180
Net weight (Kg)	2.1	2.1	2.0	3.26

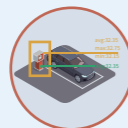
Make the invisible visible

THERMAL CAMERA



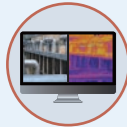
Swift

Early fire detection and warning



Accurate

Accurate temperature measurement



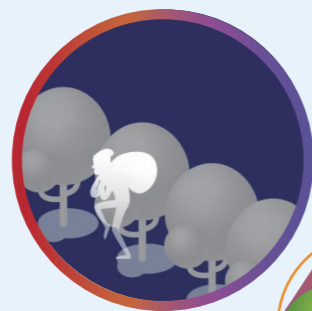
Visible

Bi-Spectrum image fusion, temperature visualization



Smart

Region intrusion / perimeter alarm / human vehicle structure



Model	TD-5332E1-ST	TD-5525E1-VT1	TD-5463E1-VT1
Image	 Thermal Network Box Camera	 Thermal Network Turret Camera	 Thermal Network Bullet Camera
Detector type	17μm 384 × 288	12μm 256 × 192	12μm 640 × 512
Temperature range	-20 ~150 or 0° ~550° optional	-20° C~150° C (-4° F~302° F)	-20° C~150° C (-4° F~302° F)
Lens	6.5 / 8 / 12.3 / 19 / 25 / 35 / 50mm	Thermal: 3.2mm @F1.1, 7mm @F1.0 Visible: 4mm@F1.6, 8mm@F2.0	Thermal: 9.1mm @F1.1, 25mm @F1.0 Visible: 4mm@F1.6, 12mm@F2.0
Field of view	Thermal: 60° × 44.1° / 44.4° × 34° / 29.7° × 22.5° / 19.5° × 14.7° / 15° × 11.2° / 10.7° × 8° / 7.5 × 5.6	Thermal: 56° × 42.2° , 24.8° × 18.7° Visible: 81° × 56.7° , 38° × 27.5°	Thermal: 48° × 38.4° , 17.4° × 14° Visible: 81° × 56.7° , 26.6° × 19.3°
IR distance	N/A	20 ~ 30m	50 ~70m
Audio	1CH audio input, 1CH audio output	1CH 3.5mm MIC / LIN in audio input, 1CH built-in MIC, 1CH built-in speaker	1CH audio input, 1CH built-in speaker
Alarm	2CH alarm input, 2CH alarm output	1CH alarm input, 1CH alarm output	4CH alarm input, 4CH alarm output
RS485	Yes	N/A	Yes
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Region intrusion detection, line crossing detection, temperature exception alarm, fire detection	Optical: region intrusion / entrance / exiting detection / line crossing detection (human / motor vehicle / non-motor vehicle classification), target counting by line/area (human / motor vehicle / non-motor vehicle classification), face detection, illegal parking detection, loitering detection, abandoned / missing object detection Thermal: fire detection, temperature exception alarm, region intrusion / entrance / exiting detection/line crossing detection (human / motor vehicle classification), AI function can be enabled simultaneously on thermal and optical channels	
Working condition	-10° C~50° C (16° C~32° C), < 95 % RH	-30 ° C ~ 60 ° C (-22° F~140° F), < 95 % RH	-30 ° C ~ 60 ° C (-22° F~140° F), < 95 % RH
Protection	N/A	IP66	IP66
Installation	Ceiling & Wall	Ceiling & Wall	Ceiling & Wall
Power	AC24V / DC12V / PoE (802.3 af)	DC12V / PoE (802.3 af)	DC12V / PoE (802.3 af)
Dimensions (mm)	278.3 × 100.2 × 88.7	∅ 111.5 × 99.6	278.3 × 100.2 × 88.7
Net weight (Kg)	0.43	0.68	1.18

THERMAL

Model	TD-5422E1-VT1	TD-5433E1-VT	TD-5432E1-ST1	TD-5433E1-ST1
Image	 Thermal Network Bullet Camera	 Thermal Network Bullet Camera	 Thermal Network Bullet Camera	 Thermal Network Bullet Camera
Detector type	12μm 256 × 192	17μm 384 × 288	17μm 384 × 288	17μm 384 × 288
Temperature range	-20° C ~ 150° C (-4° F ~ 302° F)	-20° C ~ 150° C (-4° F ~ 302° F)	-20° C ~ 150° C	-20° C ~ 150° C
Lens	Thermal: 3.2mm@F1.1, 7mm@F1.0 Visible: 4mm@F1.6, 8mm@F2.0	Thermal: 12.3mm / 19mm / 25mm @F1.0 Visible: 8mm / 12mm / 16mm @F2.0	Thermal: 9.1mm / 13mm / 19mm@F1.0	Thermal: 25mm@F1.1
Field of view	Thermal: 56° × 42.2°, 24.8° × 18.7° Visible: 81° × 56.7°, 38° × 27.5°	Thermal: 29.7° × 22.5°, 19.5° × 14.7°, 15° × 11.2° Visible: 38° × 27.5°, 26.6° × 19.3°, 19.8° × 14.3°	Thermal: 39.5° × 30.1°, 28.2° × 21.3°, 19.5° × 14.7°	Thermal: 14.9° × 11.2°
IR distance	20~ 30m	50 ~ 70 m / 70 ~ 100 m	N/A	N/A
Audio	1CH 3.5mm MIC/LIN in audio input, 1CH built-in speaker	1CH 3.5mm LIN in audio input, 1CH built-in speaker	1CH audio input, 1CH built-in speaker	1CH audio input, 1CH built-in speaker
Alarm	1CH alarm input, 1CH alarm output	4CH alarm input, 4CH alarm output	1CH alarm input, 1 CH alarm output	4CH alarm input, 4CH alarm output
RS485	N/A	Yes	N/A	Yes
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Intelligent analytics	Optical: region intrusion / entrance / exiting detection / line crossing detection (human / motor vehicle / non-motor vehicle classification), target counting by line / area (human / motor vehicle / non-motor vehicle classification), face detection, illegal parking detection, loitering detection, abandoned/missing object detection Thermal: fire detection, temperature exception alarm, region intrusion / entrance / exiting detection / line crossing detection (human / motor vehicle classification) AI function can be enabled simultaneously on thermal and optical channels	Region intrusion / entrance / exiting detection (human / vehicle classification), line crossing detection (human/vehicle classification), temperature exception alarm, fire detection		
Working condition	-30 ° C ~ 60 ° C (-22° F ~ 140° F), < 95 % RH	-30 ° C ~ 60 ° C (-22° F ~ 140° F), < 95 % RH	-30 ° C ~ 60 ° C, < 95 % RH	-30 ° C ~ 60 ° C, < 95 % RH
Protection	IP66	IP66	IP66	IP66
Installation	Ceiling & Wall	Ceiling & Wall	Ceiling & Wall	Ceiling & Wall
Power	DC12V / PoE (802.3 af)	DC12V / PoE (802.3 af)	DC12V / PoE (802.3 af)	DC12V / PoE (802.3 af)
Dimensions (mm)	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7
Net weight (Kg)	0.7	1.18	0.690	1.04

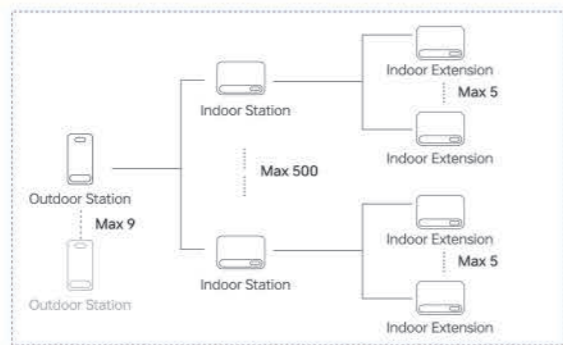
JUST GREAT

Video Intercom



- Doorway security monitoring
- Multiple door opening modes, such as swiping card, password, etc.
- One-button calling indoor station
- Door opening by indoor station or mobile APP
- Anti-tampering alarm, unlocked door alarm, etc.
- Two-way talk communication between indoor station and video intercom
- 2.4G WiFi

Apartment solutions



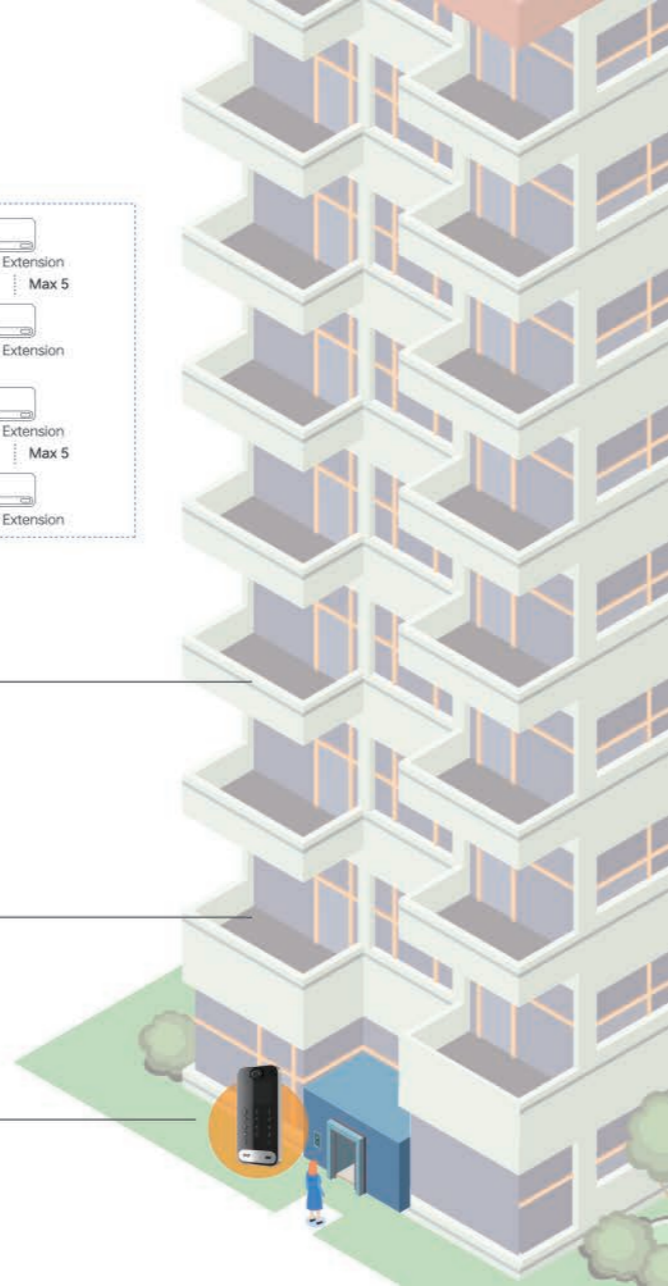
20F



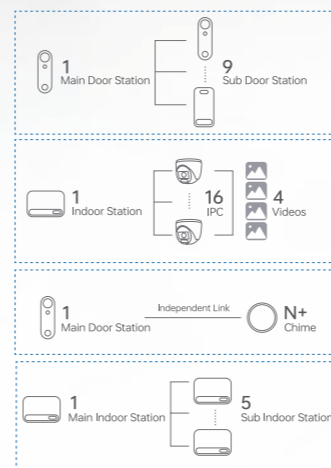
2F




Monitoring Center



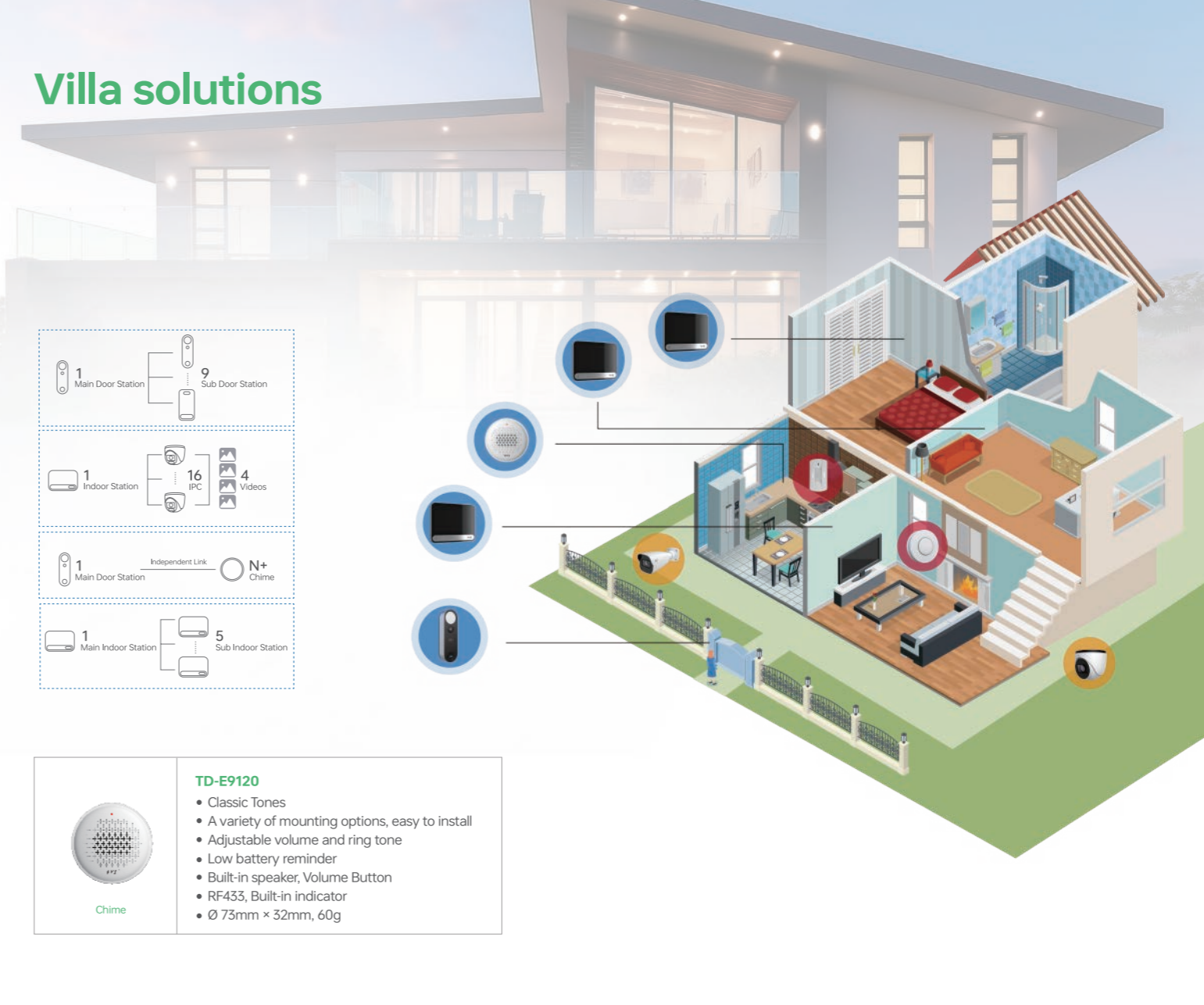
Villa solutions











TD-E9120

- Classic Tones
- A variety of mounting options, easy to install
- Adjustable volume and ring tone
- Low battery reminder
- Built-in speaker, Volume Button
- RF433, Built-in indicator
- Ø 73mm × 32mm, 60g



Model	TD-E2123-IC/PE/TP/WF	TD-E2127-IC	TD-E2228-IC/TP
Image	 Face Recognition & Access Control Terminal	 Face Recognition & Access Control Terminal	 Face Recognition & Access Control Terminal
Image size	1024 × 600	1920 × 1080	1920 × 1080
Lens	2MP dual lens, 6mm @F2.4	2MP dual lens, 4.3mm @F1.6	2MP dual lens, 3.97mm @F1.6
MIN. Illumination	0 lux	0 lux	0 lux
WDR	74dB	72dB	120dB
Screen	3.5" (320 × 480), 250cd/m ²	6.97" (600 × 1024), 280cd/m ²	8" (800 × 1280), 300cd/m ²
Face picture database	3000	10,000	40,000
Face comparison storage	10,000	30,000	30,000
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Stream	Third stream	Third stream	Third stream
Audio compression	G.711A/U	G.711A/U	G.711A/U
Audio	1CH Built-in MIC, 1CH built-in speaker	1CH Built-in MIC, 1CH built-in speaker	1CH Built-in MIC, 1CH built-in speaker
Other interfaces	1CH door Lock output, 1CH exit button, 1CH door contact input, 1CH anti-tamper interface, 1CH reset button, Wiegand interface	1CH door Lock output, 1CH exit button, 1CH door contact input, 1CH anti-tamper interface, 1CH reset button, Wiegand interface	1CH door lock output, 1CH exit button, 1CH door contact input, 1CH anti-tamper interface, 1CH reset button, Wiegand interface, USB, RS485
Alarm	N/A	1CH alarm input, 1CH alarm output	2CH alarm input, 2CH alarm output
Intelligent analytics	Face detection, face capture, face match, scene change detection, video blur detection, video color cast detection	Video exception detection, face detection, face capture, face match, etc.	Video exception detection, face detection, face capture, face match, etc.
Wi-Fi	2.4G WiFi	N/A	N/A
Storage	Network remote storage	Network remote storage	SD card, up to 256GB
Working condition	-10° C~50° C (16° C~32° C), < 95 % RH	-20° C~50° C, < 95 % RH	-20° C~50° C, < 95 % RH
Protection	N/A	N/A	IP66
Installation	Mifare card / Desfire card / FM1208 Card / Gicard	Wall mounting, Standing on desktop, Pole mounting	Wall mounting, Standing on desktop, Pole mounting
Power	DC12V / 1A	DC12V / 1A	DC12V / 1A
Dimensions (mm)	118 × 114 × 25.1	118 × 114 × 25.1	285.8 × 138.6 × 30.5
Net weight (Kg)	0.3	0.3	1.174

Model	TD-E3110-IC/PE/WF	TD-E2223-EM/IC/PE/WF	TD-E2137-PE/TP/WF
Image	 Video Doorbell	 Video Intercom Door Station	 Video Intercom Indoor Station
Image size	1920 × 1080	1920 × 1080	N/A
Lens	2.3mm @F2.2	M8 HD dual lens, 2.3mm@F2.2	N/A
MIN. Illumination	0 lux	0.0085lux @F1.2	N/A
WDR	80dB	120dB	N/A
Screen	N/A	3.5" (320 × 480), 250cd/m ²	7" (1024×600), 300cd/m ²
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264
Audio compression	G.711A/U	G.711A/U	G.711A/U
Audio	1CH Built-in MIC, 1CH built-in speaker	1CH Built-in MIC, 1CH built-in speaker	Built-in speaker and microphone
Other interfaces	1CH door lock output, 1CH exit button, 1CH door contact input, 1CH anti-tamper interface, 1CH reset button, Wiegand interface, Doorbell button, Indicator, RS485	RS485, Wiegand interface, 2CH door lock output, 2CH door contact input, 2CH exit button, 1CH anti-tamper interface, Digital buttons	RS485, Unlocking button
Alarm	1CH alarm input	2CH alarm input, 1CH alarm output	8CH alarm input
Intelligent analytics	video exception detection, face detection, face capture, etc.	video exception detection, face detection, face capture, face comparison	N/A
Linked IPC	N/A	N/A	Max. 16 CH
Linked indoor extensions	N/A	N/A	Max. 5
P2P	N/A	Yes	N/A
Wi-Fi	2.4G WiFi	2.4G WiFi	2.4G WiFi
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Door opening modes	Swiping card or APP remote control	Face recognition / swiping card / password / indoor station / APP	N/A
Working condition	-20° C~50° C, < 95 % RH	-20° C~60° C, < 95 % RH	-20° C~50° C, < 95 % RH
Protection	IP65	IP67 & IK04	N/A
Installation	Wall mounting	Wall mounting	Wall mounting
Power	DC12V / 0.5A	DC12V / POE (802.3af)	DC12V / POE
Dimensions (mm)	150 × 50 × 29.8	210 × 104 × 30	180.6 × 135.6 × 26.8
Net weight (Kg)	0.145	0.6	0.36



SOLAR-POWERED IPC

Solar panel and li-battery

60W solar panel, 23Ah/12.8V high-standard lithium battery

Camera

4MP, 1/1.8" large CMOS target surface, F1.0 aperture

Integrated red & blue LEDs light deterrence

Integrated red & blue LEDs for enhanced sound & light

Intelligent analytics

Video exception detection, region intrusion detection (human/vehicle classification), line crossing detection(human/vehicle classification), and abandoned/missing object detection.



Model	TD-9846SP1
Image	
Image sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440
MIN. Illumination	0.000625 lux@F1.0
WDR	120dB
Lens type	Fixed focal lens, 2.8mm and 3.6 mm optional
Aperture	F1.0
FOV	2.8 mm / 3.6 mm@F1.0
Supplement light type	White light
Smart LED	Yes
Video compression	H.265+ / H.265/ H.264+ / H.264
Stream	Third stream
Audio compression	G.711A/U
SIM card type	Micro SIM
Standard	LTE-TDD, LTE-FDD, WCDMA, GSM, 4G Cat4
PIR range	Up to 15 m
Network	1 CH RJ45
Audio	1 CH built-in MIC, 1 CH built-in Speaker
Warning light	1 blue LED light, 1 red LED light
RS485	Yes
Storage	SD card, up to 256GB
Power	12 VDC ± 25%
Capacity	23Ah
Battery voltage	12.8V
Battery life	More than 2000 cycles
Working condition	-20 °C to 50 °C (-4 ° F to 122 ° F), ≤ 95 % RH
Protection	IP67, Wind Resistance 12 level
Dimensions (mm)	690 × 620
Net weight (Kg)	16.9KG (without LFP battery) / 20.65 KG (with LFP battery)

A3 SERIES IPC

Dual-lens people counting | Face recognition | License plate recognition

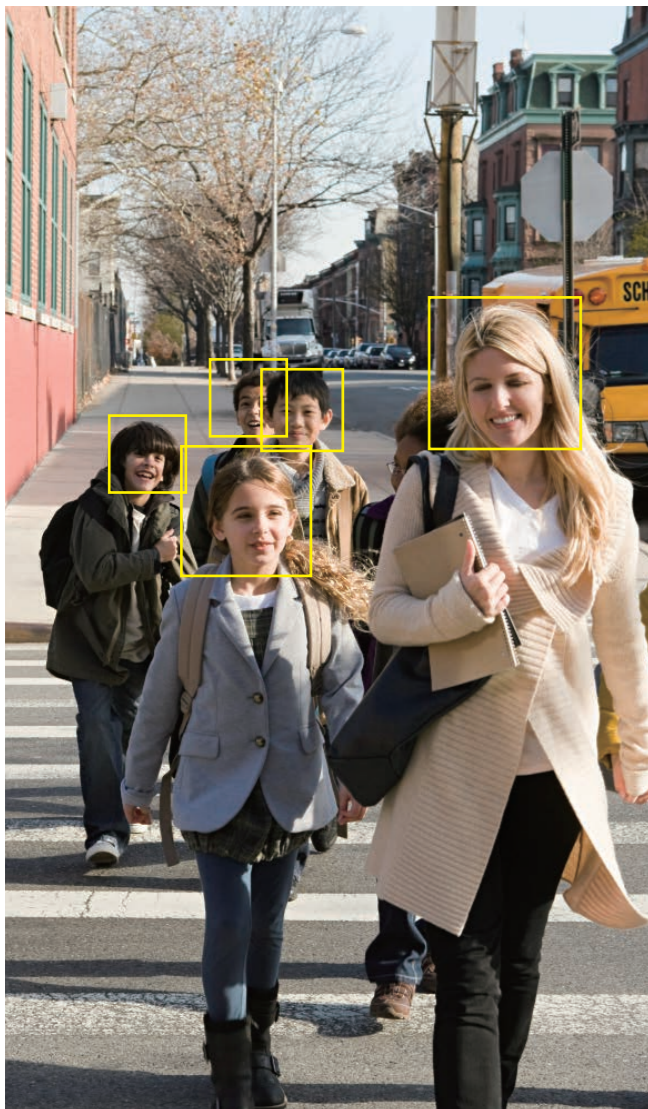
Adopt new generation chipset with powerful AI capabilities for a wide range of applications



Dual-sensor people counting

- > Dual-sensor stereoscopic vision technology + Smart tracking algorithm
- > Counts people entering and exiting separately; supports daily/monthly/annual report
- > Supports children counting; supports target height filtering; supports human head detection algorithm



Model	TD-9742A3-PC
Image	
Min. Illumination	0.008 lux@F2.1
WDR	120dB
Lens	2.1mm Fixed lens
Supplement light type	850nm IR Light
Video	1CH CVBS output
RS485	Yes, half-duplex
Audio	2CH built-in MIC, 1CH built-in Speaker, 1CH audio input, 1CH audio output
Alarm	1CH alarm input, 1CH alarm output
Storage	SD card, up to 256GB
Video compression	H265+ / H265 / H264+ / H264 / MJPEG coding
Audio compression	G.711A/U
Stream	Third stream
Wi-Fi	Support 2.4G, 5G, built-in antenna
Intelligent analytics	Motion detection, reverse entering detection, abnormal number of people detection, People counting
Working condition	-30° C ~ 45° C (-22° F~133° F), < 95 % RH
Protection	IP66
Installation height	2.1m ~ 6m
Power	DC12V / PoE
Dimensions (mm)	180 × 65.0 × 43.4
Net weight (Kg)	0.563



Face recognition camera

- > Pupil distance of a facial image over 20 pixel can be detected
- > Output the most effective face snapshots by precise detecting, tracing, capturing, scoring and screening the moving faces
- > Support panorama capturing and self-defined information overlay, like device ID, time, etc.
Add, modify, delete and search face pictures
- > Support face trigger modes / allow list, block list, stranger alarms

A3-FR 2MP

Model	TD-9322A3-FR	TD-9525A3-FR
Image	 <div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block;">2MP HD Face Recognition Box Network Camera</div>	 <div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block;">2MP HD Face Recognition Turret Network Camera</div>
Min. Illumination	0.0026 lux@F1.2	0.005 lux@F1.6
WDR	120dB	120dB
Lens	N/A	Motorized: 7~22mm@F1.6
Supplement light type	N/A	10m white light
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A
USB	1CH USB port	N/A
RS485	Yes	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	Support Smart H.265 / H.264 coding	Support Smart H.265 / H.264 coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Face picture database	10000	10000
Intelligent analytics	Abnormal video signal detection(scene change, video blur detection, video color cast detection), face detection, face capture, face match	Face detection, face capture, face match, video blur detection, abnormal color detection, scene change detection.
Working condition	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH
Protection	N/A	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	143 × 79 × 64	Ø 111.6 × 99.6
Net weight (Kg)	0.65	0.64



License plate recognition




- Capture of vehicles with license plates and vehicles without license plate, Support plate exposure, travel direction recognition, plate character fault tolerance, plate comparison, snapshot time display
Vehicle feature extraction: including vehicle color, plate color, vehicle type, vehicle brand/model, production year, etc.
- Original image (4MP resolution) and license plate image
- Max. Capture speed range: 0~120km/h

	A3BH-LR 4MP		A3-LR 2MP	
Model	TD-9443A3BH-LR	TD-9843A3BH-LR	TD-9423A3-LR	TD-9322A3-LR
Image	 4MP HD License Plate Recognition Bullet Network Camera	 4MP HD License Plate Recognition Network Camera	 2MP HD ANPR Bullet Network Camera	 2MP HD ANPR Box Network Camera
Min. Illumination	0.0007 lux@F1.3 0.001 lux@F1.6	0.0007 lux@F1.3 0.001 lux@F1.6	0.0026 lux@F1.2 0.005 lux@F1.6	0.0026 lux@F1.2
WDR	120dB	120dB	120dB	120dB
Lens	Motorized: 2.8-12mm 8-32mm	Motorized: 2.8-12mm 8-32mm	Motorized: 5-50mm	Lens Mount: CS
Supplement light type	50~70m / 70~100m IR distance	70~100m / 100~120m IR distance	70~100m IR distance	N/A
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	2CH alarm input, 2CH alarm output	1CH alarm input, 1CH alarm output	2CH alarm input, 2CH alarm output
Video output	1CH CVBS output	1CH CVBS output	1CH CVBS output	N/A
Other interfaces	RS485, Wiegand	RS485, RS232, Wiegand	RS485, Wiegand	RS485
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Support H265+ / H264+ / H265 / H264 / MJPEG coding	Support H265+ / H264+ / H265 / H264 / MJPEG coding	Support smart H.265 / H.264 coding	Support smart H.265 / H.264 coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Vehicle plate database	10000	10000	10000	10000
Capture speed range	0~120km/h	0~120km/h	0~70km/h	0~70km/h
Intelligent analytics	Support license plate detection and recognition		Video abnormality (video blur & video color cast detection, scene change), license plate recognition	
Working condition	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH	-30° C ~ 60° C (-22° F~140 ° F), < 95 % RH
Protection	IP67	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / AC24V / PoE (802.3af)	DC24V / AC24V / PoE (802.3bt)	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)
Dimensions (mm)	278.3 × 100.2 × 88.7	430 × 138 × 108	278.3 × 100.2 × 88.7	143 × 79 × 64
Net weight (Kg)	1.176	2.5	1.04	0.65

A3BH-SD 4MP

Model	TD-9342A3BH-SD	TD-9442A3BH-SD	TD-9443A3BH-SD	TD-9541A3BH-SD
Image	 4MP Box Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Dome Network Camera
Min. Illumination	Color: 0.0009 lux@F1.2 B&W: 0.0004 lux@F1.2	0.0016 lux@F1.6	0.0014 lux@F1.5	0.0016 lux@F1.6
WDR	120dB	120dB	120dB	120dB
Lens	Lens mount: CS	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm	Fixed: 2.8 / 3.6mm
Supplement light type	N/A	30 ~50m IR distance	50 ~70m IR distance	20 ~30m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input	1CH audio input, 1CH audio output	1CH audio input, 1 CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	1CH CVBS output	N/A
RS485	Yes	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Self-defined	Self-defined	Self-defined	Self-defined
Working condition	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	Φ 119 × 87
Net weight (Kg)	0.5	0.68	1.04	0.65

A3BH-SD 4MP

Model	TD-9543A3BH-SD	TD-9544A3BH-SD	TD-9545A3BH-SD
Image	 4MP IR Water-Proof Dome Network Camera	 4MP IR Water-Proof Turret Network Camera	 4MP IR Water-Proof Turret Network Camera
Min. Illumination	0.0014 lux@F1.5	0.0016 lux@F1.6	0.0014 lux@F1.5
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8-12mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm
Supplement light type	30 ~50m IR distance	20 ~30m IR distance	30 ~50m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1 CH built-in MIC	1CH audio input, 1 CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	N/A	N/A
Video output	1CH CVBS output	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Self-defined	Self-defined	Self-defined
Working condition	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH	- 30 ° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 141 × 100.2	Φ 94.6 × 82.8	Ø 111.5 × 99.6
Net weight (Kg)	0.93	0.46	0.66

E SERIES IPC



1.5T AI computing power and real-time encoding at 30fps

A variety of AI-powered applications including human / vehicle classification and video metadata


Supports various physical interfaces, such as alarms, audio, and SD cards



E4 6MP

Model	TD-9462E4	TD-9564E4	TD-9567E4
Image	 6MP Dual-illumination Bullet Network Camera	 6MP Dual-illumination Turret Network Camera	 6MP IR Water-proof Dome Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	30~50m IR distance, 30~40m white light range	20~30m IR distance, 20~30m white light range	10~20m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in microphone	1CH audio input, 1CH audio output, 1CH built-in microphone	1CH audio input, 1CH audio output, 2CH built-in microphones
Alarm	1CH alarm input, 1CH alarm output	N/A	1CH alarm input, 1CH alarm output
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
P2P	Yes	Yes	Yes
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264+ / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264+ / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264+ / H.264 coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned / missing object detection, Scene change, video blur and abnormal color detection, audio exception, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	Φ 94.6 × 82.8	Ø 110 × 62
Net weight (Kg)	0.672	0.472	0.418

E4-PA 6MP

Model	TD-9462E4-PA	TD-9463E4-PA	TD-9565E4-PA
Image	 6MP Dual-illumination Bullet Network Camera	 6MP Dual-illumination Bullet Network Camera	 6MP Dual-illumination Turret Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Motorized: 2.7~13.5mm	Motorized: 2.7~13.5mm	Motorized: 2.7~13.5mm, Fixed: 2.8mm
Supplement light type	30~50m IR distance, 30~40m white light range	30~50m IR distance, 30~40m white light range	30~40m IR distance, 30~40m white light range
Audio	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	N/A
RS485	N/A	N/A	N/A
P2P	Yes	Yes	Yes
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, Target counting by line/area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP66	IP66 & IK10	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	Ø 111.5 × 99.6
Net weight (Kg)	0.694	1.223	0.646




E4 4MP

Model	TD-9342E4	TD-9442E4	TD-9542E4
Image	 4MP AI Box Network Camera	 4MP Dual-illumination Bullet Network Camera	 4MP IR Dome Network Camera
Min. Illumination	0.008 lux @F1.6 / 0.002 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	N/A	30~50m IR distance, 30~40m white light range	30~50m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in microphone	1CH audio input, 1CH audio output, 1CH built-in microphone
Alarm	2CH alarm input, 2CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	N/A
RS485	Yes	N/A	N/A
P2P	Yes	Yes	Yes
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, Scene change, video blur and abnormal color detection, audio exception, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-10° C ~ 50° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	N/A
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / AC24V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	217.8 × 80.5 × 80.3	Ø 121.6 × 95.9
Net weight (Kg)	0.5	0.672	0.38



E4 4MP

Model	TD-9544E4	TD-9547E4
Image	 4MP Dual-illumination Turret Network Camera	 4MP IR Water-proof Dome Network Camera
Min. Illumination	0.008 lux @F1.6 / 0.002 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance, 20~30m white light range	10~20m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 2CH built-in microphones
Alarm	N/A	1CH alarm input, 1CH alarm output
Video output	N/A	N/A
RS485	N/A	N/A
P2P	Yes	Yes
Storage	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, Scene change, video blur and abnormal color detection, audio exception, Face detection and face capture, Video Metadata	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.6 × 82.8	Ø 110 × 62
Net weight (Kg)	0.472	0.418



E4-PA 4MP

Model	TD-9442E4-PA	TD-9443E4-PA	TD-9545E4-PA
Image	 4MP Dual-illumination Bullet Network Camera	 4MP Dual-illumination Bullet Network Camera	 4MP Dual-illumination Turret Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Motorized: 2.7~13.5mm	Motorized: 2.7~13.5mm	Motorized: 2.7~13.5mm , Fixed: 2.8 / 3.6mm
Supplement light type	30~50m IR distance, 30~40m white light range	50~70m IR distance, 40~50m white light range	30~40m IR distance, 30~40m white light range
Audio	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	N/A
RS485	N/A	N/A	N/A
P2P	Yes	Yes	Yes
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection, Scene change, video blur and abnormal color detection, audio exception, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP66	IP66 & IK10	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	Ø 111.5 × 99.6
Net weight (Kg)	0.694	1.223	0.646



E4H-PA 4MP

Model	TD-9443E4H-PA	TD-9545E4H-PA
Image	 4MP Dual-Illumination Bullet Network Camera	 4MP Dual-Illumination Turret Network Camera
Min. Illumination	0.0005 lux@F1.3	0.0005 lux@F1.3
WDR	120dB	120dB
Lens	Motorized: 2.7~13.5mm	Motorized: 2.7~13.5mm
Supplement light type	50~70m IR distance, 40~50m white light range	30~40m IR distance, 30~40m white light range
Audio	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker	1CH audio input, 1CH audio output, 1CH built-in microphone, 1CH built-in speaker
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A
RS485	Yes	N/A
P2P	Yes	Yes
Storage	SD card, up to 1TB	SD card, up to 1TB
Video compression	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding	H.265S / H.265+ / H.265 / H.264S / H.264 + / H.264 coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion / entrance / exiting (human / vehicle classification), loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP66 & IK10	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	321.6 × 139.4 × 173.7	∅ 142.2 × 149.9
Net weight (Kg)	1.77	1.267




E3B-A 12MP

Model	TD-94A3E3B-A	TD-95A3E3B-A
Image	 12MP IR Water-Proof Bullet Network Camera	 12MP IR Water-Proof Dome Network Camera
Min. Illumination	0.006 lux@F1.4	0.006 lux@F1.4
WDR	75dB	75dB
Lens	Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	50~70m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	1CH CVBS output
RS485	N/A	N/A
Storage	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	278.3 × 100.2 × 88.7	∅ 141 × 100.2
Net weight (Kg)	1.04	0.93

E3B-A 8MP

Model	TD-9382E3B-A	TD-9482E3B-A	TD-9483E3B-A	TD-9581E3B-A
Image	 8MP HD AI Box Network Camera	 8MP HD AI Bullet Network Camera	 8MP HD AI Bullet Network Camera	 8MP HD AI Dome Network Camera
Min. Illumination	0.01 lux @ F1.2 / 0.0053 lux @ F1.2	0.02 lux @ F1.6	0.015 lux @ F1.4	0.02 lux @ F1.6
WDR	120dB	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8mm
Supplement light type	N/A	30~50m IR distance	50~70m IR distance	20~30m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input	1CH audio input, 1CH audio output	1CH audio input, 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	1CH CVBS output	N/A
RS485	Yes	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata			
Working condition	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	∅ 119 × 87.8
Net weight (Kg)	0.5	0.68	1.04	0.64




E3B-A 8MP

Model	TD-9583E3B-A	TD-9584E3B-A	TD-9585E3B-A
Image	 8MP HD AI Dome Network Camera	 8MP HD AI Turret Network Camera	 8MP HD AI Turret Network Camera
Min. Illumination	0.015 lux @ F1.4	0.02 lux @ F1.6	0.015 lux @ F1.4
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8mm	Motorized: 2.8~12mm
Supplement light type	30~50m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	N/A	N/A
Video output	1CH CVBS output	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH
Protection	IP67 & IK10	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	∅ 141 × 100.2	∅ 94.6 × 82.8	∅ 111.6 × 99.6
Net weight (Kg)	0.89	0.46	0.67




E3B-A 6MP

Model	TD-9362E3B-A	TD-9461E3B-A	TD-9462E3B-A	TD-9463E3B-A
Image	 6MP AI Box Network Camera	 6MP IR Water-Proof Bullet Network Camera	 6MP IR Water-Proof Bullet Network Camera	 6MP IR Water-Proof Bullet Network Camera
Min. Illumination	0.008 lux@F1.6 / 0.002 lux@F1.6	0.008 lux@F1.6	0.008 lux@F1.6	0.008 lux@F1.6
WDR	120dB	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8-12mm	Motorized: 2.8-12 / 7-22mm
Supplement light type	N/A	20~30m IR distance	30~50m IR distance	50~70m / 70~100m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	N/A	1CH CVBS output
RS485	Yes	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	167.5 × 74.5 × 74.5	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7
Net weight (Kg)	0.5	0.43	0.67	1.04

E3B-A 6MP

Model	TD-9561E3B-A	TD-9562E3B-A	TD-9563E3B-A
Image	 6MP IR Water-Proof Dome Network Camera	 6MP IR Water-Proof Dome Network Camera	 6MP IR Water-Proof Dome Network Camera
Min. Illumination	0.008 lux@F1.6	0.008 lux@F1.6	0.008 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm	Motorized: 2.8-12mm
Supplement light type	20~30m IR Distance	20~30m IR Distance	30~50m IR Distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	N/A	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 119 × 87.8	167.5 × 74.5 × 74.5	Ø 141 × 100.2
Net weight (Kg)	0.65	0.43	0.93




E3B-A 6MP

Model	TD-9564E3B-A	TD-9565E3B-A	TD-9567E3B-A
Image	 6MP IR Water-Proof Turret Network Camera	 6MP IR Water-Proof Turret Network Camera	 6MP IR Water-Proof Dome Network Camera
Min. Illumination	0.008 lux@F1.6	0.008 lux@F1.6	0.008 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance	30~50m IR distance	10~20m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output, 2CH built-in MICs
Alarm	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line/area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 94.6 × 82.8	Ø 111.5 × 99.6	Ø 110 × 62
Net weight (Kg)	0.46	0.66	0.424




E3B-A 5MP

Model	TD-9352E3B-A	TD-9451E3B-A	TD-9452E3B-A	TD-9453E3B-A
Image	 5MP AI Box Network Camera	 5MP IR Water-Proof Bullet Network Camera	 5MP IR Water-Proof Bullet Network Camera	 5MP IR Water-Proof Bullet Network Camera
Min. Illumination	0.007 lux@F1.2	0.02 lux@F1.6	0.02 lux@F1.6/0.01lux@F1.4	0.02 lux@F1.6 / 0.01lux@F1.4
WDR	120dB	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Motorized: 2.8~12 / 7~22mm
Supplement light type	N/A	20~30m IR distance	30~50m IR distance	50~70m / 70~100m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	N/A	1CH CVBS output
RS485	N/A	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	167.5 × 74.5 × 74.5	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7
Net weight (Kg)	0.5	0.43	0.67	1.04

E3B-A 5MP

Model	TD-9551E3B-A	TD-9552E3B-A	TD-9553E3B-A
Image	 5MP IR Water-Proof Dome Network Camera	 5MP IR Indoor Dome Network Camera	 5MP IR Water-Proof Dome Network Camera
Min. Illumination	0.02 lux@F1.6	0.01lux@F1.4	0.01lux@F1.4
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	N/A	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line/area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-10° C ~ 50° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	N/A	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 119 × 87.8	Ø 121.6 × 95.9	Ø 141 × 100.2
Net weight (Kg)	0.65	0.38	0.93




E3B-A 5MP

Model	TD-9554E3B-A	TD-9555E3B-A	TD-9557E3B-A
Image	 5MP IR Water-Proof Turret Network Camera	 5MP IR Water-Proof Turret Network Camera	 5MP IR Water-Proof Dome Network Camera
Min. Illumination	0.02 lux@F1.6	0.01lux@F1.4	0.02 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance	30~50m IR distance	10~20m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output, 2CH built-in MICs
Alarm	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-10° C ~ 50° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 94.6 × 82.8	Ø 111.5 × 99.6	Ø 110 × 62
Net weight (Kg)	0.46	0.66	0.424


E3B-A 4MP

Model	TD-9342E3B-A	TD-9441E3B-A	TD-9442E3B-A	TD-9443E3B-A
Image	 4MP AI Box Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Bullet Network Camera
Min. Illumination	0.0028 lux@F1.2 / 0.001 lux@F1.2	0.005 lux@F1.6	0.005 lux@F1.6	0.005 lux@F1.6
WDR	120dB	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Motorized: 2.8~12 / 7~22 / 5~50mm
Supplement light type	N/A	20~30m IR distance	30~50m IR distance	50~70m / 70~100m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	N/A	1CH CVBS output
RS485	Yes	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	167.5 × 74.5 × 74.5	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7
Net weight (Kg)	0.5	0.43	0.67	1.04




E3B-A 4MP

Model	TD-9541E3B-A	TD-9542E3B-A	TD-9543E3B-A
Image	 4MP IR Water-Proof Dome Network Camera	 4MP IR Dome Network Camera	 4MP IR Water-Proof Dome Network Camera
Min. Illumination	0.005 lux@F1.6	0.003 lux@F1.3	0.003 lux@F1.3
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video Output	N/A	N/A	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-10° C ~ 50° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	N/A	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 119 × 87.8	Ø 121.6 × 95.9	Ø 141 × 100.2
Net weight (Kg)	0.65	0.38	0.93




E3B-A 4MP

Model	TD-9544E3B-A	TD-9545E3B-A	TD-9547E3B-A
Image	 4MP IR Water-Proof Turret Network Camera	 4MP IR Water-Proof Turret Network Camera	 4MP IR Water-Proof Dome Network Camera
Min. Illumination	0.005 lux@F1.6	0.003 lux@F1.3	0.005 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance	30~50m IR distance	10~20m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 2CH built-in MICs
Alarm	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video Output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.6 × 82.8	Ø 111.5 × 99.6	Ø 110 × 62
Net weight (Kg)	0.46	0.66	0.424



E3B-A 2MP

Model	TD-9342E3B-A	TD-9422E3B-A	TD-9423E3B-A
Image	 2MP IR Starlight Box Network Camera	 2MP IR Starlight Bullet Network Camera	 2MP IR Starlight Bullet Network Camera
Min. Illumination	0.0028 lux@F1.2 / 0.0002 lux@F1.2	0.005 lux@F1.6 / 0.003 lux@F1.3	0.003 lux@F1.3
WDR	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	N/A	30~50m IR distance	50~70m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video Output	1CH CVBS output	N/A	1CH CVBS output
RS485	Yes	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7
Net weight (Kg)	0.65	0.67	1.04




E3B-A 2MP

Model	TD-9521E3B-A	TD-9522E3B-A	TD-9523E3B-A
Image	 2MP IR Starlight Dome Network Camera	 2MP IR Starlight Dome Network Camera	 2MP IR Starlight Dome Network Camera
Min. Illumination	0.005 lux@F1.6	0.003lux@F1.3	0.003lux@F1.3
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video Output	N/A	N/A	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	Support H.265+ / H.265 / H.264 / H.264 / MJPEG coding	H.265+ / H.265 / H.264 / H.264 / MJPEG coding	H.265+ / H.265 / H.264 / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line/area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-10° C ~ 50° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	N/A	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 119 × 87.8	Φ 121.6 × 95.9	Φ 141 × 100.2
Net weight (Kg)	0.65	0.38	0.89




E3B-A 2MP

Model	TD-9524E3B-A	TD-9525E3B-A	TD-9527E3B-A
Image	 2MP Starlight Turret Network Camera	 2MP Starlight Turret Network Camera	 2MP IR Starlight Dome Network Camera
Min. Illumination	0.005 lux@F1.6	0.003lux@F1.3	0.005 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance	30~50m IR distance	10~20m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH audio output 2CH built-in MIC
Alarm	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video Output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting, loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.6 × 82.8	Ø 111.5 × 99.6	Ø 110 × 62
Net weight (Kg)	0.46	0.66	0.42

E3H-A 8MP

Model	TD-9482E3H-A	TD-9483E3H-A	TD-9581E3H-A
Image	 8MP IR Water-Proof Bullet Network Camera	 8MP IR Water-Proof Bullet Network Camera	 8MP IR Water-Proof Dome Network Camera
Min. Illumination	0.006 lux@F1.4	0.006 lux@F1.4	0.006 lux@F1.4
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	50~70m IR distance	20~30m IR distance
Audio	1CH audio input	1CH audio input, 1CH audio output	1CH audio input, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting(human/vehicle classification), loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	Ø 119 × 87.8
Net weight (Kg)	0.68	1.04	0.65




E3H-A 8MP

Model	TD-9583E3H-A	TD-9584E3H-A	TD-9585E3H-A
Image	 8MP IR Water-Proof Dome Network Camera	 8MP IR Water-Proof Turret Network Camera	 8MP IR Water-Proof Turret Network Camera
Min. Illumination	0.006 lux@F1.4	0.006 lux@F1.4	0.006 lux@F1.4
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm
Supplement light type	30~50m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	N/A	N/A
Video output	1CH CVBS output	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 512GB	SD card, up to 512GB	SD card, up to 512GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting(human/vehicle classification), loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 141 × 100.2	Ø 94.6 × 82.8	Ø 111.5 × 99.6
Net weight (Kg)	0.93	0.46	0.66

E3H-A 4MP

Model	TD-9342E3H-A	TD-9442E3H-A	TD-9443E3H-A	TD-9541E3H-A
Image	 4MP AI Box Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Bullet Network Camera	 4MP IR Water-Proof Dome Network Camera
Min. Illumination	0.0009 lux@F1.2 / 0.0004 lux@F1.2	0.0016 lux@F1.6	0.0014 lux@F1.5	0.0016 lux@F1.6
WDR	120dB	120dB	120dB	120dB
Lens	Lens Mount: CS	Fixed: 2.8	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	N/A	30~50m IR distance	50~70m IR distance	20~30m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input	1CH audio input, 1CH audio output	1CH audio input, 1CH built-in MIC
Alarm	2CH alarm input, 2CH alarm output	N/A	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A	1CH CVBS output	N/A
RS485	N/A	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.254+ / H.254 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting(human / vehicle classification), loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	N/A	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	160.8 × 79 × 64	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	∅ 119 × 87.8
Net weight (Kg)	0.5	0.68	1.04	0.65

E3H-A 4MP

Model	TD-9543E3H-A	TD-9544E3H-A	TD-9545E3H-A
Image	 4MP IR Water-Proof Dome Network Camera	 4MP IR Water-Proof Turret Network Camera	 4MP IR Water-Proof Turret Network Camera
Min. Illumination	0.0014 lux@F1.5	0.0016 lux@F1.6	0.0014lux@F1.5
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	30~50m IR distance	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH audio output 1CH built-in MIC	1CH audio input, 1 CH built-in MIC	1CH audio input, 1 CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	N/A	N/A
Video output	1CH CVBS output	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting(human/vehicle classification), loitering detection, illegal parking detection, abandoned/ missing object detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (14° F~122° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	∅ 141 × 100.2	∅ 94.6 × 82.8	∅ 111.5 × 99.6
Net weight (Kg)	0.93	0.46	0.66

C SERIES IPC



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Intelligent analytics






Super aperture lens





Video metadata

C2H-PA 8MP




Model	TD-9482C2H-PA	TD-9483C2H-PA	TD-9585C2H-PA
Image	 8MP Dual Illumination AI Bullet Network Camera	 8MP Dual Illumination AI Bullet Network Camera	 8MP Dual Illumination AI Turret Network Camera
Min. Illumination	0.008 lux@F1.6	0.006 lux@F1.4	0.006 lux@F1.4
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Motorized: 2.8~12mm
Supplement light type	30~40m IR distance 30~40m White light range	30~50m IR distance 30~50m White light range	30~40m IR distance 30~40m White light range
Audio	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H265 / H.264+ / H264 / MJPEG coding	H.265+ / H265 / H.264+ / H264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (14° F ~ 122° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH
Protection	IP66	IP66	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.7 × 80.5 × 80.3	278.3 × 100.2 × 88.7	∅ 111.5 × 99.6
Net weight (Kg)	0.68	1.04	0.64

C SERIES

C2H 4MP

Model	TD-9442C2H	TD-9545C2H
Image	 4MP Full-Color Bullet Network Camera	 4MP Full-Color Turret Network Camera
Min. Illumination	0.0006 lux@F1.0	0.0006 lux@F1.0
WDR	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	30~40m White light range	30~40m White light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A
Video output	N/A	N/A
RS485	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing / region intrusion (human / motor vehicle / non-motor vehicle classification), scene change, video blur and video cast detection, abandoned / missing object detection.	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	Φ 111.6 × 99.6
Net weight (Kg)	0.66	0.66


C2-PA 4MP

Model	TD-9442C2-PA	TD-9443C2-PA	TD-9545C2-PA
Image	 4MP Dual Illumination AI Bullet Network Camera	 4MP Dual Illumination AI Bullet Network Camera	 4MP Dual Illumination AI Turret Network Camera
Min. Illumination	0.03 lux@F1.6	0.02 lux@F1.4	0.02 lux@F1.4 / 0.03 lux@F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8mm, Motorized: 2.8~12mm	Motorized: 2.8~12mm	Motorized: 2.8~12mm, Fixed: 2.8mm
Supplement light type	30~40m IR distance 30~40m White light range	30~50m IR distance 30~50m White light range	30~40m IR distance 30~40m White light range
Audio	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC	1CH audio input, 1CH audio output 1CH built-in speaker, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	1CH CVBS output
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification) loitering detection, illegal parking detection, abandoned / missing object detection, Target counting by line / area, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP66	IP66	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	278.3 × 100.2 × 88.7	Φ 111.5 × 99.6
Net weight (Kg)	0.68	1.04	0.64




C2 4MP

Model	TD-9441C2	TD-9442C2	TD-9544C2	TD-9545C2
Image	 4MP Full-Color Bullet Network Camera	 4MP Full-Color Bullet Network Camera	 4MP Full-Color Turret Network Camera	 4MP Dual Illumination Turret Network Camera
Min. Illumination	0.003 lux@ F1.0	0.003 lux@ F1.0	0.003 lux@ F1.0	0.003 lux@ F1.0
WDR	120dB	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm
Supplement light type	20~30m White light range	30~40m White light range	20~30m White light range	30~40m IR distance 30~40m White light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input; 1CH built-in MIC	1CH audio input; 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A	N/A
Video output	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265 / H.264 / MJPEG coding	H.265 / H.264 / MJPEG coding	H.265 / H.264 / MJPEG coding	H.265 / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Video exception detection, intrusion detection, line crossing detection and abandoned / missing object detection.			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	AC24V / DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.7 × 80.5 × 80.3	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.38	0.64	0.45	0.66



C2 2MP

Model	TD-9421C2	TD-9422C2	TD-9524C2	TD-9525C2
Image	 2MP Full-Color Bullet Network Camera	 2MP Full-Color Bullet Network Camera	 2MP Full-Color Turret Network Camera	 2MP Full-Color Turret Network Camera
Min. Illumination	0.002 lux@ F1.0	0.002 lux@ F1.0	0.002 lux@ F1.0	0.002 lux@ F1.0
WDR	120dB	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8-12mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm
Supplement light type	20~30m White Light Range	30~40m IR range 30~40m White light range	20~30m White light range	30~40m IR distance 30~40m White light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input; 1CH built-in MIC	1CH audio input; 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A	N/A
Video output	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265 full real time coding	H.265 full real time coding	H.265 full real time coding	H.265 full real time coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
Intelligent analytics	Video exception detection, intrusion detection and line crossing detection, abandoned / missing object detection.			
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.7 × 80.5 × 80.3	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.38	0.64	0.45	0.66




C4H 8MP

Model	TD-9482C4H	TD-9483C4H	TD-9581C4H
Image	 8MP Full-Color Bullet Network Camera	 8MP Full-Color Bullet Network Camera	 8MP Full-Color Dome Network Camera
Min. Illumination	0.0003 lux @F1.0	0.0003 lux @F1.0	0.0003 lux @F1.0
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m White light range	30~50m White light range	10~20m White light range
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 1 TB	SD card, up to 1 TB	SD card, up to 1 TB
Video compression	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification), abandoned / missing object detection, crowd density detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30°C ~60°C (-22° F~140° F), < 95 % RH	-30°C ~60°C (-22° F~140° F), < 95 % RH	-30°C ~60°C (-22° F~140° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.7 × 80.5 × 80.3	218.3 × 100.2 × 88.7	Ø 119 × 87.8
Net weight (Kg)	0.64	0.64	0.64



C4H 8MP

Model	TD-9583C4H	TD-9585C4H
Image	 8MP Full-Color Dome Network Camera	 8MP Full-Color Turret Network Camera
Min. Illumination	0.0003 lux @F1.0	0.0003 lux @F1.0
WDR	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm
Supplement light type	20~30m White light range	20~30m White light range
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A
RS485	Yes	N/A
Storage	SD card, up to 1 TB	SD card, up to 1 TB
Video compression	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification), abandoned / missing object detection, crowd density detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.	
Working condition	-30° C ~ 65° C (-22° F~140 ° F), < 95 % RH	-30° C ~ 65° C (-22° F~140 ° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 141 × 100.2	Φ 111.6 × 99.6
Net weight (Kg)	0.876	0.66

C4H 4MP

Model	TD-9442C4H	TD-9443C4H	TD-9541C4H
Image	 4MP Full-Color Bullet Network Camera	 4MP Full-Color Bullet Network Camera	 4MP Full-Color Dome Network Camera
Min. Illumination	0.0001 lux @F1.0	0.0001 lux @F1.0	0.0001 lux @F1.0
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8-12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m White light range	30~50m White light range	10~20m White light range
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	N/A	1CH CVBS output	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 1 TB	SD card, up to 1 TB	SD card, up to 1 TB
Video compression	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification), abandoned / missing object detection, crowd density detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.		
Working condition	-30° C ~ 65° C (-22° F ~ 140° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 140° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 140° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.7 × 80.5 × 80.3	218.3 × 100.2 × 88.7	Ø 119 × 87.8
Net weight (Kg)	0.64	0.64	0.64

C4H 4MP

Model	TD-9543C4H	TD-9545C4H
Image	 4MP Full-Color Dome Network Camera	 4MP Full-Color Turret Network Camera
Min. Illumination	0.0001 lux @F1.0	0.0001 lux @F1.0
WDR	120dB	120dB
Lens	Motorized: 2.8-12mm	Motorized: 2.8-12mm, Fixed: 2.8 / 3.6mm
Supplement light type	20~30m White light range	20~30m White light range
Audio	1CH audio input, 1CH audio output, 1CH built-in MIC	1CH audio input, 1CH audio output, 1CH built-in MIC
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video output	1CH CVBS output	N/A
RS485	Yes	N/A
Storage	SD card, up to 1 TB	SD card, up to 1 TB
Video compression	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding	H.265+ / H.265 / H.264 + / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Line crossing, region intrusion / entrance / exiting (human / vehicle classification), abandoned / missing object detection, crowd density detection, Target counting by line, heat map, Face detection and face capture, Video Metadata.	
Working condition	-30° C ~ 65° C (-22° F ~ 140° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 140° F), < 95 % RH
Protection	IP67 & IK10	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 141 × 100.2	Φ 111.6 × 99.6
Net weight (Kg)	0.876	0.66



S4-C IPC Family

Smart Dual Illumination Full Color Camera

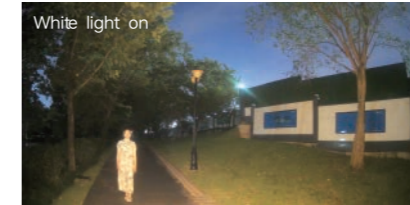


Smart dual light mode

Built in with TVT latest AI algorithm, S4-C cameras provide full color image at night in a flexible way, offering much more image and target detail than the traditional IR mode with black and white image, which brings more efficiency and value to the customers.



Camera stays in IR mode with no target (human / vehicle / non-motor vehicle) entering into the monitoring area, IR LED is on, white light LED is off.



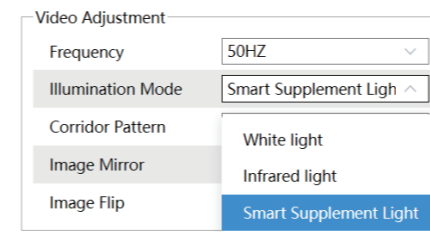
Camera turns on white light LED automatically with some targets (human / vehicle / non-motor vehicle) entering into the monitoring area, providing more target details; white light LED is on, IR LED is off.



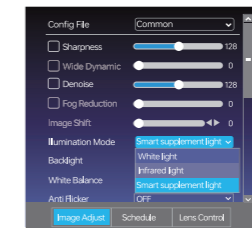
Camera switches back to IR mode automatically after targets leaving the monitoring area, white light LED is off, IR LED is on.

Smart dual light setting

Light mode setting in IPC WEB

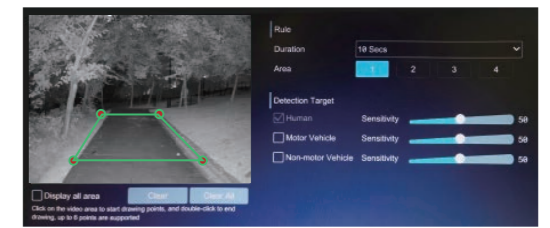


Light mode setting in NVR



White light LED trigger area setting in NVR

*This feature is only available with NVR 1.4.11 or above firmware



Great features



H.265



True WDR



Smart supplement light



NIR



Smart IR



Hardware Reset button



MIC

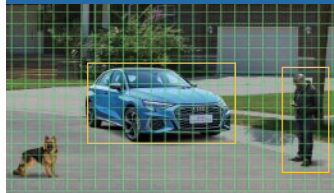


TF Card

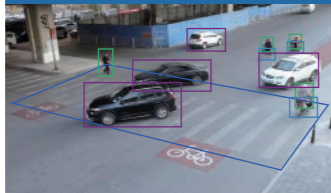


IP67 / IK10

SMD (Smart motion detection)



Human / vehicle / non-motor vehicle detection



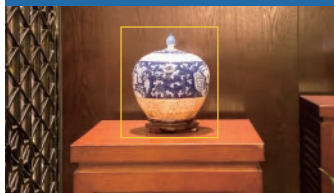
Line crossing detection



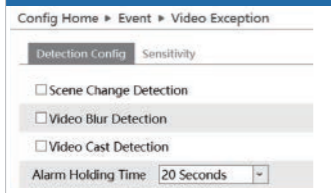
Regional intrusion detection



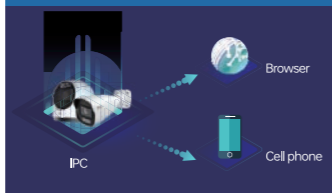
Object abandon / missing detection



Abnormal video signal detection






P2P 2.0




Dual-system backup






S4-C 8MP

Model	TD-9481S4-C	TD-9482S4-C	TD-9581S4-C
Image	 8MP Dual Illumination Water-proof Bullet Network Camera	 8MP Dual Illumination Water-proof Bullet Network Camera	 8MP Dual Illumination Water-proof Dome Network Camera
Min. Illumination	0.02 lux @F1.6	0.02 lux @F1.6	0.02 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8-12mm	Fixed: 2.8/3.6mm
Supplement light type	20~30m IR Distance 20~30m white light range	30~50m IR Distance 30~40m white light range	20~30m IR Distance 20~30m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.8 × 80.5 × 80.3	Ø 119 × 87.8
Net weight (Kg)	0.42	0.68	0.64



S4-C 8MP

Model	TD-9584S4-C	TD-9585S4-C
Image	 8MP Dual Illumination Water-proof Turret Network Camera	 8MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.02 lux @F1.6	0.02 lux @F1.6
WDR	120dB	120dB
Lens	Fixed: 2.8/3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance 20~30m white light range	30~50m IR distance 30~40m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A
Video output	N/A	N/A
RS485	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.45	0.66




S4-C 6MP

Model	TD-9461S4-C	TD-9462S4-C	TD-9561S4-C
Image	 6MP Dual Illumination Water-proof Bullet Network Camera	 6MP Dual Illumination Water-proof Bullet Network Camera	 6MP Dual Illumination Water-proof Dome Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance 20~30m white light range	30~50m IR distance 30~40m white light range	20~30m IR distance 20~30m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.8 × 80.5 × 80.3	Ø 119 × 87.8
Net weight (Kg)	0.45	0.68	0.64




S4-C 6MP

Model	TD-9564S4-C	TD-9565S4-C	TD-9567S4-C
Image	 6MP Dual Illumination Water-proof Turret Network Camera	 6MP Dual Illumination Water-proof Turret Network Camera	 6MP Dual Illumination Water-proof Dome Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance 20~30m white light range	30~50m IR distance 30~40m white light range	10~20m IR distance
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.6 × 82.8	Φ 111.6 × 99.6	Ø 110.4 × 62
Net weight (Kg)	0.45	0.66	0.40


S4-C 4MP

Model	TD-9441S4-C	TD-9442S4-C	TD-9541S4-C
Image	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Dome Network Camera
Min. Illumination	0.005 lux @F1.6	0.005 lux @F1.6, 0.004 lux @F1.4	0.005 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance 20~30m white light range	30~50m IR distance 30~40m white light range	20~30m IR distance 20~30m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.8 × 80.5 × 80.3	Ø 119 × 87.8
Net weight (Kg)	0.45	0.68	0.64




S4-C 4MP

Model	TD-9543S4-C	TD-9544S4-C	TD-9545S4-C
Image	 4MP Dual Illumination Water-proof Dome Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.004 lux @F1.4	0.005 lux @F1.6, 0.004 lux @F1.4	0.004 lux @F1.4
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	30~50m IR Distance	20~30m IR Distance 20~30m white light range	30~50m IR Distance 30~40m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third Stream	Third Stream	Third Stream
P2P	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67 & IK10	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 141 × 100.2	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.876	0.45	0.66




S4-C 2MP

Model	TD-9421S4-C	TD-9422S4-C	TD-9521S4-C
Image	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Dome Network Camera
Min. Illumination	0.008 lux @F1.6	0.008 lux @F1.6 / 0.006 lux @F1.4	0.008 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6 / 6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance 20~30m white light range	30~50m IR distance 30~40m white light range	20~30m IR distance
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	217.8 × 80.5 × 80.3	Ø 110 × 83.3
Net weight (Kg)	0.45	0.68	0.50

S4-C 2MP

Model	TD-9522S4-C	TD-9524S4-C	TD-9525S4-C
Image	 4MP Dual Illumination Water-proof Dome Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.006 lux @F1.4	0.008 lux @F1.6	0.006 lux @F1.4
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	20~30m IR distance 20~30m white light range	30~40m IR distance 30~40m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 122 × 96	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.36	0.45	0.66



S4-C 2MP

Model	TD-9522S4-C	TD-9524S4-C	TD-9525S4-C
Image	 4MP Dual Illumination Water-proof Dome Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.006 lux @F1.4	0.008 lux @F1.6	0.006 lux @F1.4
WDR	120dB	120dB	120dB
Lens	Motorized: 2.8~12mm	Fixed: 2.8/3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	20~30m IR distance 20~30m white light range	30~40m IR distance 30~40m white light range
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes
Intelligent analytics	Support line crossing detection, region intrusion detection, abandoned / missing object detection, video exception detection, Human / vehicle / non-motor vehicle detection.		
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 122 × 96	Φ 94.6 × 82.8	Φ 111.6 × 99.6
Net weight (Kg)	0.36	0.45	0.66




S4L-C 6MP

Model	TD-9461S4L-C	TD-9564S4L-C
Image	 4MP Dual Illumination Water-proof Dome Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.007 lux @F1.6	0.007 lux @F1.6
WDR	Digital WDR	Digital WDR
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance 10~20m white light range	20~30m IR distance 10~20m white light range
Audio	1CH built-in MIC	1CH built-in MIC
Alarm	N/A	N/A
Video output	N/A	N/A
RS485	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Support smart motion detection, (Human) region intrusion detection, (human)line crossing detection.	
Working condition	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.6 × 75 × 74.6	Φ 94.6 × 82.8
Net weight (Kg)	0.382	0.423

S4L-C 4MP





Model	TD-9440S4L-C	TD-9441S4L-C	TD-9442S4L-C
Image	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Bullet Network Camera
Min. Illumination	0.09 lux @F2.2	0.09 lux @F2.2	0.03 lux @F1.4
WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR range 10~20m white light range	20~30m IR range 10~20m white light range	30~50m IR range 20~30m white light range
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	N/A	N/A	N/A
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Main stream	Main stream	Main stream
Intelligent analytics	Support smart motion detection, (Human) region intrusion detection, (human)line crossing detection.		
Working condition	-20° C ~ 55° C (-4° F~131° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	162.1 × 74.8 × 73.8	162.1 × 74.8 × 73.8	217.7 × 80.5 × 80.3
Net weight (Kg)	0.25	0.365	0.608




S4L-C 4MP

Model	TD-9540S4L-C	TD-9544S4L-C	TD-9545S4L-C
Image	 4MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.09 lux @F2.2	0.09 lux @F2.2	0.03 lux @F1.4
WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR range 10~20m white light range	20~30m IR range 10~20m white light range	30~50m IR range 20~30m white light range
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	N/A	N/A	N/A
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Main stream	Main stream	Main stream
Intelligent analytics	Support smart motion detection, (Human) region intrusion detection, (human)line crossing detection.		
Working condition	-20° C ~ 55° C (-4° F ~ 131° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH
Protection	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Φ 94.8 × 82.8	Ø 94.6 × 82.8	Ø 111.6 × 99.6
Net weight (Kg)	0.28	0.42	0.484



S4L-C 2MP

Model	TD-9420S4L-C	TD-9421S4L-C	TD-9520S4L-C	TD-9524S4L-C
Image	 2MP Dual Illumination Water-proof Bullet Network Camera	 2MP Dual Illumination Water-proof Bullet Network Camera	 2MP Dual Illumination Water-proof Turret Network Camera	 2MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.02 lux @F2.2	0.02 lux @F2.2	0.02 lux @F2.2	0.09 lux @F2.2
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR range 10~20m white light range	20~30m IR range 10~20m white light range	20~30m IR range 10~20m white light range	20~30m IR range 10~20m white light range
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Alarm	N/A	N/A	N/A	N/A
Video output	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
Storage	N/A	N/A	N/A	N/A
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Main stream	Main stream	Main stream	Main stream
Intelligent analytics	Support smart motion detection, (Human) region intrusion detection, (human)line crossing detection.			
Working condition	-20° C ~ 55° C (-4° F ~ 131° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH	-20° C ~ 55° C (-4° F ~ 131° F), < 95 % RH	-30° C ~ 65° C (-22° F ~ 149° F), < 95 % RH
Protection	IP67	IP67	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12 / PoE (802.3af)
Dimensions (mm)	162.1 × 74.8 × 73.8	162.1 × 74.8 × 73.8	Φ 94.8 × 82.8	Ø 94.6 × 82.8
Net weight (Kg)	0.25	0.36	0.28	0.42

	S4-PA 6MP		S4-PA 4MP	
Model	TD-9462S4-PA	TD-9565S4-PA	TD-9442S4-PA	TD-9545S4-PA
Image	 6MP Dual Illumination Water-proof Bullet Network Camera	 6MP Dual Illumination Water-proof Turret Network Camera	 4MP Dual Illumination Water-proof Bullet Network Camera	 4MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.02 lux @F1.6	0.02 lux @F1.6	0.005 lux @F1.6, 0.004 lux @F1.4	0.005 lux @F1.6, 0.004 lux @F1.4
WDR	120dB	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm Motorized: 2.8~12mm
Supplement light type	30~40m IR range 30~40m white light range	30~40m IR range 30~40m white light range	30~40m IR range 30~40m white light range	30~40m IR range 30~40m white light range
Audio	1CH audio input, 1CH built-in MIC 1CH audio output, 1CH built-in speaker	1CH audio input, 1CH built-in MIC 1CH audio output, 1CH built-in speaker	1CH audio input, 1CH built-in MIC 1CH audio output, 1CH built-in speaker	1CH built-in MIC
Alarm	N/A	N/A	N/A	N/A
Video output	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes	Yes
Dual-system backup	Yes	Yes	Yes	Yes
Intelligent analytics	Line crossing / region intrusion detection (human / motor vehicle / non-motor vehicle classification), abandoned / missing object detection.			
Working condition	-30° C ~ 65° C (-4° F ~131° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH	-30° C ~ 65° C (-22° F~149° F), < 95 % RH
Protection	IP66	IP66	IP66	IP66
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	217.8 × 80.5 × 80.3	∅ 111.5 × 99.6	217.8 × 80.5 × 80.3	∅ 111.5 × 99.6
Net weight (Kg)	0.675	0.604	0.675	0.597

	S4H-A 2MP		
Model	TD-9421S4H-A	TD-9422S4H-A	TD-9521S4H-A
Image	 2MP IR Starlight Bullet Network Camera	 2MP IR Starlight Bullet Network Camera	 2MP IR Starlight Dome Network Camera
Min. Illumination	0.005lux @F1.6	0.005 lux @F1.6	0.005 lux @F1.6
WDR	120dB	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8 / 3.6 / 6mm, Motorized: 2.8~12mm	Fixed: 2.8 / 3.6mm
Supplement light type	20~30m IR distance	30~50m IR distance	20~30m IR distance
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A	N/A
Video output	N/A	N/A	N/A
RS485	N/A	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U	G.711A/U
Stream	Third stream	Third stream	Third stream
P2P	Yes	Yes	Yes
Intelligent analytics	Video exception (scene change, video blur and abnormal color detection), region intrusion detection, line crossing detection, abandoned / missing object detection.		
Working condition	-30° C ~ 60° C (-22° F~140° F), < 95 % RH	-30° C ~ 60° C (-22° F~149° F), < 95 % RH	-30° C ~ 60° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67	IP67 & IK10
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	167.5 × 74.5 × 74.5	217.8 × 80.5 × 80.3	∅ 119 × 87.8
Net weight (Kg)	0.38	0.66	0.64

S4H-A 2MP


Model	TD-9524S4H-A	TD-9525S4H-A
Image	 2MP IR Starlight Turret Network Camera	 2MP IR Starlight Turret Network Camera
Min. Illumination	0.005lux @F1.6	0.003lux @F1.4
WDR	120dB	120dB
Lens	Fixed: 2.8 / 3.6mm	Motorized: 2.8~12mm
Supplement light type	20~30m IR distance	30~50m IR distance
Audio	1CH audio input, 1CH built-in MIC	1CH audio input, 1CH built-in MIC
Alarm	N/A	N/A
Video output	N/A	N/A
RS485	N/A	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
P2P	Yes	Yes
Intelligent analytics	Video exception (scene change, video blur and abnormal color detection), region intrusion detection, line crossing detection, abandoned / missing object detection.	
Working condition	-30° C ~ 60° C (-22° F~140° F), < 95 % RH	-30° C ~ 60° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 94.6 × 82.8	Ø 111.5 × 99.6
Net weight (Kg)	0.46	0.65



S4L-D 2MP

Model	TD-9420S4L-D	TD-9520S4L-D
Image	 2MP Dual Illumination Water-proof Bullet Network Camera	 2MP Dual Illumination Water-proof Turret Network Camera
Min. Illumination	0.0462 lux @F2.2	0.0462 lux @F2.2
WDR	Digital WDR	Digital WDR
Lens	Fixed: 2.8 / 3.6mm	Fixed: 2.8mm
Supplement light type	10~20m IR distance 10~20m white light range	10~20m IR distance 10~20m white light range
Audio	1CH built-in MIC	1CH built-in MIC
Alarm	N/A	N/A
Video output	N/A	N/A
RS485	N/A	N/A
Storage	N/A	N/A
Video compression	H.265+ / H.265 / H.264+ / H.264 coding	H.265+ / H.265 / H.264+ / H.264 coding
Audio compression	G.711A/U	G.711A/U
Stream	Main stream	Main stream
Intelligent analytics	Region intrusion detection, line crossing detection, video exception (scene change, video blur and abnormal color detection).	
Working condition	-20° C ~ 55° C (-22° F~140° F), < 95 % RH	-20° C ~ 55° C (-22° F~149° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	162.1 × 74.8 × 73.8	Ø 94.8 × 82.8
Net weight (Kg)	0.24	0.27

SPECIAL CAMERAS

Dedicated cameras for applications in special scenarios

Model	TD-9825PH1	TD-9441S4
Image	 2MP Covert Network Camera	 4MP IR Water-proof Bullet Network Camera
Min. Illumination	0.05lux @ F2.2	0.005 lux @F1.6
WDR	120dB (camera)	120dB
Lens	Fixed: 2.8mm	Fixed: 2.8 / 3.6mm
Supplement light type	N/A	20~30m IR distance
Audio	1CH 3.5mm audio input, 1CH 3.5mm audio output	1CH audio input
Alarm	8CH alarm input, 4CH alarm output	N/A
Video	1CH BNC video input connector	N/A
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG coding	H.265 / H.264 / MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Third stream	Third stream
Intelligent analytics	Perimeter protection: line crossing / region entrance / region exiting / region intrusion detection (human / motor vehicle / non-motor vehicle classification), target counting by line/area (human / motor vehicle / non-motor vehicle classification), Face detection: face detection, face capture, abandoned / missing object detection, heat map.	Video exception (scene change, video blur and abnormal color detection), line crossing detection, region intrusion detection, abandoned / missing object detection.
Working condition	-30° C ~ 60° C (-22° F~140° F), < 95 % RH	-30° C ~ 60° C (-22° F~140° F), < 95 % RH
Protection	N/A	IP67
Wi-Fi	N/A	IEEE802.11b/g/n, 80m Wireless Range
Installation	Wall mounting + Pendant mounting	Wall mounting + Ceiling mounting
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Camera: 31.6 × 30.4 × 30.4 Server: 108.5 × 87.8 × 28.0	167.6 × 74.7 × 148.2
Net weight (Kg)	52.4(camera), 271.4(server)	52.4(camera), 271.4(server)

Model	TD-95A8E3B	TD-9568E3B-A
Image	 12MP IR Water-proof Fisheye Network Camera	 6MP IR Water-proof Fisheye Network Camera
Min. Illumination	0.01 lux@F2.0	0.01 lux@F2.0
Max. Resolution	4000 × 3000	2160 × 2160
WDR	Digital WDR	120dB
Lens	Fixed: 1.6mm	Fixed: 1.65mm
Supplement light type	10~20m IR distance	10~20m IR distance
Audio	2CH Built-in MIC, 1CH audio input, 1CH audio output	2CH Built-in MIC, 1CH audio input, 1CH audio output
Alarm	1CH alarm input, 1CH alarm output	1CH alarm input, 1CH alarm output
Video	1CH CVBS output	1CH CVBS output
RS485	N/A	Yes
P2P	Yes	Yes
Storage	SD card, up to 256GB	SD card, up to 256GB
Video compression	H.265+ / H.265 / H.264+ / H.264 MJPEG coding	H.265+ / H.265 / H.264+ / H.264 MJPEG coding
Audio compression	G.711A/U	G.711A/U
Stream	Panoramic / Fisheye / PTZ	Panoramic / Fisheye / PTZ
Intelligent analytics	Mode 1/3/4/5 (ceiling mounting): (Human) region intrusion / region entrance / region exiting / line crossing / target counting by line, crowd density detection, heat map Mode 2/3 (Wall mounting or desktop): Region intrusion / region entrance / region exiting / line crossing / target counting by line (human / motor vehicle / non-motor vehicle classification), crowd density detection	Mode 1/2/3 (ceiling mounting): (Human) region intrusion / region entrance / region exiting / target counting by line, crowd density detection, heat map
Working condition	-30° C ~ 60° C (-22° F~140° F), < 95 % RH	-30° C ~ 60° C (-22° F~140° F), < 95 % RH
Protection	IP67	IP67
Installation	Wall mounting + Ceiling mounting + Desktop	Wall mounting + Ceiling mounting + Desktop
Power	DC12V / PoE (802.3af)	DC12V / PoE (802.3af)
Dimensions (mm)	Ø 130.6 × 46.3	Ø 130.6 × 46.3
Net weight (Kg)	516.2	516.2

ANALOG CAMERA

AHD / TVI / CVI standard and lossless video output

Up to 1700 TVL resolution

CMOS progressive scan, perfectly capturing the moving object




Support OSD menu, COC

Support ICR switch, true day / night

AE2 5MP

Model	TD-7451AE2	TD-7452AE2	TD-7453AE2	TD-7551AE2
Image	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Fixed: 3.6mm (2.8mm optional)	Fixed: 3.6mm (2.8 / 6mm optional) Motorized: 2.8~12mm	Motorized: 2.8~12mm	Fixed: 3.6mm (2.8mm optional)
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	5MP @20fps	5MP @20fps	5MP @20fps	5MP @20fps
IR distance	20 ~ 30 m	30 ~ 50 m	50 ~ 70 m	10 ~ 20 m
Resolution	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	Yes	Yes	Yes	Yes
Digital NR	Yes	Yes	Yes	Yes
AGC	Yes	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
LSC	Yes	Yes	Yes	Yes
Defog	N/A	N/A	N/A	N/A
HLC	Yes	N/A	Yes	Yes
Sharpness	Yes	Yes	Yes	Yes
Mirror	Yes	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67	IP67 & IK10
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	167.5 x 74.5 x 74.5	217.7 x 80.5 x 80.5	279.5 x 100.3 x 88.9	Φ 119 x 87.8
Net weight (Kg)	0.38	0.57	1.0	0.59

AE2 5MP

Model	TD-7553AE2	TD-7554AE2	TD-7555AE2
Image	 5MP HD Analog IR Dome Camera	 5MP HD Analog IR Dome Camera	 5MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Motorized: 2.8~12mm	Fixed: 3.6mm (2.8mm optional)	Motorized: 2.8~12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	5MP @20fps	5MP @20fps	5MP @20fps
IR distance	20 ~ 30 m	20 ~ 30 m	30 ~ 50 m
Resolution	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	Yes	Yes	Yes
Digital NR	Yes	Yes	Yes
AGC	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
LSC	Yes	Yes	Yes
Defog	N/A	N/A	N/A
HLC	Yes	N/A	Yes
Sharpness	Yes	Yes	Yes
Mirror	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes
Image setting	Yes	Yes	Yes
Working condition	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)
Protection	IP67 & IK10	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	Φ 141 x 100.2	Φ 94.6 x 82.8	Φ 111.5 x 99.6
Net weight (Kg)	0.83	0.39	0.55

AE3 5MP

Model	TD-7451AE3S	TD-7451AE3	TD-7452AE3	TD-7551AE3
Image	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	5MP @20fps	5MP @20fps	5MP @20fps	5MP @20fps
IR distance	10 ~ 20 m	20 ~ 30 m	30 ~ 50 m	10 ~ 20 m
Resolution	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	Yes	Yes	Yes	Yes
Digital NR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
AGC	Yes	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
HLC	Yes	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes	Yes
Smart LED	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto	Auto
Working condition	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)	-30 °C ~ 50 °C, 10% ~ 90% (relative humidity)
Protection	IP67	IP67	IP67	IP67 & IK10
Power	DC12V (± 15%)	DC12V (± 15%)	DC12V (± 15%)	DC12V (± 15%)
Dimensions (mm)	162.1 x 74.8 x 73.8	167.5 x 69 x 69	217.7 x 80.5 x 80.3	Φ 119 x 87.8
Net weight (Kg)	N/A	0.36	0.56	0.6


AE3 5MP

Model	TD-7553AE3	TD-7554AE3	TD-7554AE3S	TD-7555AE3
Image	 5MP HD Analog IR Dome Camera	 5MP Full-color HD Analog Turret Camera	 5MP Full-color HD Analog Turret Camera	 5MP HD Analog IR Turret Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Motorized: 2.8~12mm	Fixed: 2.8mm	Fixed: 2.8mm	Motorized: 2.8~12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	5MP @20fps	5MP @20fps	5MP @20fps	5MP @20fps
IR distance	20~ 30 m	20 ~ 30 m	30 ~ 50 m	30 ~ 50 m
Resolution	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL
Audio	N/A	1CH built-in MIC	1CH built-in MIC	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	Yes	Yes	Yes	Yes
Digital NR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
AGC	Yes	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
HLC	Yes	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes	Yes
Smart LED	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67 & IK10	IP67	IP67	IP67
Power	DC12V (± 15%)	DC12V (± 15%)	DC12V (± 15%)	DC12V (± 15%)
Dimensions (mm)	Φ 141 x 100.2	Ø 94.6 × 82.8	Φ 94.6 × 82.8	Φ 111.5 × 99.6
Net weight (Kg)	0.84	0.4	0.24	0.55

AE1 8MP




Model	TD-7481AE1	TD-7482AE1	TD-7581AE1
Image	 8MP HD Analog IR Bullet Camera	 8MP HD Analog IR Bullet Camera	 8MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Fixed: 3.6mm (2.8mm optional)	Fixed: 3.6mm (2.8mm optional) Motorized: 2.8~12mm	Fixed: 3.6mm (2.8mm optional)
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	8MP @15fps	8MP @15fps	8MP @15fps
IR distance	20 ~ 30 m	30 ~ 50 m	10 ~ 20 m
Resolution	Up to 1700 TVL	Up to 1700 TVL	Up to 1700 TVL
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	N/A	N/A	N/A
Digital NR	Yes	Yes	Yes
3D NR	Yes	Yes	Yes
AGC	N/A	N/A	N/A
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
Defog	N/A	N/A	N/A
LSC	N/A	N/A	N/A
Saturation	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Contrast	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	167.5 × 74.5 × 74.5	217.7 × 80.5 × 80.5	Φ 119 × 87.8
Net weight (Kg)	0.38	0.57	0.59




AE1 8MP

Model	TD-7583AE1	TD-7584AE1	TD-7585AE1
Image	 8MP HD Analog IR Dome Camera	 8MP HD Analog IR Dome Camera	 8MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2
Lens	Motorized: 2.8-12mm	Fixed: 3.6mm (2.8mm optional)	Motorized: 2.8-12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	8MP @15fps	8MP @15fps	8MP @15fps
IR distance	20 ~ 30 m	20 ~ 30 m	30 ~ 50 m
Resolution	Up to 1700 TVL	Up to 1700 TVL	Up to 1700 TVL
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	N/A	N/A	N/A
Digital NR	Yes	Yes	Yes
3D NR	Yes	Yes	Yes
AGC	N/A	N/A	N/A
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
Defog	N/A	N/A	N/A
LSC	N/A	N/A	N/A
Saturation	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Contrast	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67 & IK10	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	Φ 141 x 100.2	Φ 94.6 x 82.8	Φ 111.5 x 99.6
Net weight (Kg)	0.83	0.39	0.55




AS2 5MP

Model	TD-7451AS2S	TD-7451AS2	TD-7452AS2	TD-7554AS2
Image	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Bullet Camera	 5MP HD Analog IR Dome Camera
Min. Illumination	0.01 lux@F1.2	0.01 lux@F1.2	0.01 lux@F1.2	0 lux with IR
Lens	Fixed: 3.6mm	Fixed: 3.6mm	Fixed: 3.6mm	Fixed: 3.6mm
Video output	AHD / TVI / CVI	AHD / TVI / CVI	AHD / TVI / CVI	AHD / TVI / CVI
Frame rate	5MP@20fps / 4MP@30fps	5MP@20fps / 4MP@30fps	5MP@20fps / 4MP@30fps	5MP@20fps / 4MP@30fps
IR distance	10~ 20 m	20~ 30 m	30~ 50 m	20~ 30 m
Resolution	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL	Up to 1500 TVL
Audio	N/A	N/A	N/A	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC control)	OSD (COC control)	OSD (COC control)	OSD (COC control)
Digital WDR	Yes	Yes	Yes	Yes
Digital NR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
Global exposure	Yes	Yes	Yes	Yes
AGC	Yes	Yes	Yes	N/A
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
Contrast	Yes	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto	Auto
Working condition	- 10 ° C ~ 40 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67	IP67
Power	DC12V (± 15%)	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	162.1 x 74.8 x 73.8	167.5 x 74.5 x 74.5	222 x 85.7 x 77.3	Φ 94.6 x 82.8
Net weight (Kg)	N/A	0.37	N/A	0.39

	AS2 5MP		AS3L 2MP	
Model	TD-7554AS2S	TD-7420AS3L	TD-7520AS3L	TD-7520AS3S
Image	 5MP HD Analog IR Dome Camera	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Turret Camera	 2MP HD Analog IR Turret Camera
Min. Illumination	0 lux with IR	0 lux (IR ON)	0 lux (IR ON)	0 lux (IR ON)
Lens	Fixed: 3.6mm	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm
Video output	AHD / TVI / CVI	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	5MP@20fps / 4MP@30fps	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)
IR distance	10~ 20 m	10~ 20 m	10~ 20 m	10~ 20 m
Resolution	Up to 1500 TVL	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	N/A	N/A	N/A	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital WDR	Yes	Yes	Yes	Yes
Digital NR	Yes, 2D DNR	Yes, 2D/3D DNR	Yes, 2D/3D DNR	Yes, 2D/3D DNR
Global exposure	Yes	N/A	N/A	N/A
AGC	N/A	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
Contrast	Yes	N/A	N/A	N/A
Sharpness	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto	Auto
Working condition	- 10 ° C ~ 40 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP66	IP66	IP66
Power	DC12V (± 15%)	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	Φ 94.8 x 82.8	Φ 65 x 144	Φ 77.5 x 67.6	Φ 77.5 x 67.6
Net weight (Kg)	0.2	0.15	0.13	0.09

	TE3 2MP		
Model	TD-7421TE3	TD-7421TE3S	TD-7422TE3
Image	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Bullet Camera
Min. Illumination	0.005lux@ F1.2	0.005lux@ F1.2	0.005lux@ F1.2
Lens	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm Varifocal: 2.8-12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)
IR distance	20~ 30 m	10~ 20 m	30~ 50 m
Resolution	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	N/A	N/A	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
Digital DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
AGC	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
Defog	N/A	N/A	N/A
HLC	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes
Image setting	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 15%)	DC12V (± 10%)
Dimensions (mm)	167.5 x 74.5 x 74.5	162.1 x 74.8 x 73.8	217.8 x 80.5 x 80.3
Net weight (Kg)	0.37	0.37	0.56

TE3 2MP

Model	TD-7524TE3	TD-7524TE3S	TD-7525TE3
Image	 2MP HD Analog IR Turret Camera	 2MP HD Analog IR Turret Camera	 2MP HD Analog IR Turret Camera
Min. Illumination	0.005lux@ F1.2	0.005lux@ F1.2	0.005lux@ F1.2
Lens	Fixed: 2.8mm	Fixed: 2.8mm	Varifocal: 2.8-12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)
IR distance	20~ 30 m	10~ 20 m	30~ 50 m
Resolution	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	N/A	N/A	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC control)	OSD (COC control)	OSD (COC control)
Digital DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
AGC	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
Defog	N/A	N/A	N/A
HLC	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Smart IR	Yes	Yes	Yes
Image setting	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	Φ 94.6 × 82.8	Φ 94.6 × 82.8	Φ 111.5 × 99.6
Net weight (Kg)	0.39	0.2	0.54




TS3 2MP

Model	TD-7421TS3S	TD-7421TS3	TD-7524TS3S	TD-7524TS3
Image	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Turret Camera	 2MP HD Analog IR Turret Camera
Min. Illumination	0.005lux@ F1.2	0.005lux@ F1.2	0 lux (LED ON)	0.005lux@ F1.2
Lens	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm	Fixed: 2.8mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)	2MP 30fps(60Hz); 25fps (50Hz)
IR distance	10~ 20 m	20~ 30 m	10~ 20 m	20~ 30 m
Resolution	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	1CH built-in MIC	N/A	1CH built-in MIC	N/A
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC control)	OSD (COC control)	OSD (COC control)	OSD (COC control)
Digital DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR	Yes, 2D DNR
AGC	Yes	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes
Defog	N/A	N/A	N/A	N/A
HLC	Yes	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes	Yes
Contrast	Yes	Yes	Yes	Yes
Image setting	Yes	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	162.1 × 74.8 × 73.8	167.6 × 75.0 × 74.6	Φ 94.6 × 82.8	Φ 94.6 × 82.8
Net weight (Kg)	0.24	0.38	0.25	0.39

AM4 2MP

Model	TD-7421AM4	TD-7422AM4	TD-7521AM4
Image	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Bullet Camera	 2MP HD Analog IR Dome Camera
Min. Illumination	0.001 lux @F1.2	0.001 lux @F1.2	0.001 lux @F1.2
Lens	Fixed: 2.8mm	Fixed: 2.8mm Varifocal: 2.8-12mm	Fixed: 2.8mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP @25fps/30fps	2MP @25fps/30fps	2MP @25fps/30fps
IR distance	10~ 20 m	30~ 50 m	10~ 20 m
Resolution	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)	OSD (COC Control)
WDR	120dB	120dB	120dB
Digital DNR	3D DNR	3D DNR	3D DNR
Coaxial Audio	Only TVI	Only TVI	Only TVI
AGC	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
HLC	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Image setting	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	167.6 × 75 × 74.6	217.8 × 80.5 × 80.3	Φ 119 × 87.8
Net weight (Kg)	0.37	0.54	0.58

AM4 2MP

Model	TD-7523AM4	TD-7524AM4	TD-7525AM4
Image	 2MP HD Analog IR Dome Camera	 2MP HD Analog IR Dome Camera	 2MP HD Analog IR Dome Camera
Min. Illumination	0.001 lux @F1.2	0.001 lux @F1.2	0.001 lux @F1.2
Lens	Varifocal: 2.8-12mm	Fixed: 2.8mm	Varifocal: 2.8-12mm
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP @25fps/30fps	2MP @25fps/30fps	2MP @25fps/30fps
IR distance	30~ 50 m	20~ 30 m	30~ 50 m
Resolution	Up to 1000 TVL	Up to 1000 TVL	Up to 1000 TVL
Audio	1CH built-in MIC	1CH built-in MIC	1CH built-in MIC
Image system	PAL / NTSC	PAL / NTSC	PAL / NTSC
Function control	OSD (COC control)	OSD (COC control)	OSD (COC control)
WDR	120dB	120dB	120dB
Digital DNR	3D DNR	3D DNR	3D DNR
Coaxial Audio	Only TVI	Only TVI	Only TVI
AGC	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes
BLC	Yes	Yes	Yes
HLC	Yes	Yes	Yes
Sharpness	Yes	Yes	Yes
Image setting	Yes	Yes	Yes
Defect correction	Auto	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67 & IK10	IP67	IP67
Power	DC12V (± 10%)	DC12V (± 10%)	DC12V (± 10%)
Dimensions (mm)	Φ 141 × 100.2	Ø 94.6 × 82.8	Ø 111.5 × 99.6
Net weight (Kg)	0.845	0.399	0.557

TM3 2MP

Model	TD-7524TM3	TD-7421TM3
Image	 2MP Full-color HD Analog Turret Camera	 2MP Full-color HD Analog Bullet Camera
Min. Illumination	0 lux (LED ON)	0 lux (LED ON)
Lens	Fixed: 3.6mm (2.8mm optional)	Fixed: 3.6mm (2.8mm optional)
Video output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Frame rate	2MP @25fps/30fps	2MP @25fps/30fps
IR distance	20~ 30 m	20~ 30 m
Resolution	Up to 800 TVL	Up to 800 TVL
Audio	N/A	N/A
Image system	PAL / NTSC	PAL / NTSC
Function control	OSD (COC Control)	OSD (COC Control)
Smart LED	Manual or Auto mode	Manual or Auto mode
Digital DNR	Yes	Yes
2D/3D DNR	Yes	Yes
AGC	Yes	Yes
Auto white balance	Yes	Yes
BLC	Yes	Yes
Saturation / Color gain	Yes	Yes
Sharpness	Yes	Yes
Image setting	Yes	Yes
Defect correction	Auto	Auto
Working condition	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)	- 30 ° C ~ 50 ° C, 10 % ~ 90 % (relative humidity)
Protection	IP67	IP67
Power	DC12V (± 15%)	DC12V (± 15%)
Dimensions (mm)	Φ 94.6 x 82.8	165.7 × 69 × 69
Net weight (Kg)	0.39	0.37

NVR SERIES



Deep learning algorithm



Face track



Face recognition



RAID



Embedded linux



Two-way audio



GUI



Multi-channel playback



Smart H.265



VCA



POS



12MP IP input







4K display




Dual stream recording




35 SERIES

Model	TD-3532H8-A3H	TD-3564H8-A3H	TD-35128H24-A3H	TD-35256H24-A3H
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S
IP video input	32CH IPC input	64CH IPC input	128CH IPC input	256CH IPC input
Resolution	Max. 16MP	Max. 16MP	Max. 16MP	Max. 16MP
Network bandwidth	320Mbps Incoming 320Mbps Outgoing	640Mbps Incoming 640Mbps Outgoing	768Mbps Incoming 768Mbps Outgoing	768Mbps Incoming 768Mbps Outgoing
Video output	8K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	16CH alarm input, 8CH alarm output	16CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output
Compression	G.711A(U)	G.711A(U)	G.711A(U)	G.711A(U)
Decoding capability	Max. 16MP	Max. 16MP	Max. 16MP	Max. 16MP
Face comparison capability	36 pictures / second	36 pictures / second	36 pictures / second	36 pictures / second
Face picture database	32 libraries, 10000 face pictures	32 libraries, 10000 face pictures	32 libraries, 10000 face pictures	32 libraries, 10000 face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes(AI by IPC)	Yes(AI by IPC)	Yes(AI by IPC)	Yes(AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human/vehicle attribute analysis etc.			
Interface	2CH RJ45	2CH RJ45	4CH RJ45	4CH RJ45
Storage	8CH SATA, max 10T per HDD 2CH E-SATA	8CH SATA, max 10T per HDD 2CH E-SATA	24CH SATA, max 10T per HDD 2CH E-SATA	24CH SATA, max 10T per HDD 2CH E-SATA
USB	1CH USB 3.0, 3CH USB 2.0	1CH USB 3.0, 3CH USB 2.0	1CH USB 3.0, 3CH USB 2.0	1CH USB 3.0, 3CH USB 2.0
Other port	RS485, RS232	RS485, RS232	RS485, RS232, SFP ×2, Mini SAS ×2	RS485, RS232, SFP ×2, Mini SAS ×2
Power supply	AC100V~240V	AC100V~240V	AC100V~240V	AC100V~240V
Working environment	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity
Dimensions(mm)	560 × 437.2 × 88	560 × 437.2 × 88	483 × 515 × 175	483 × 515 × 175


33 SERIES

Model	TD-3308H1-B2	TD-3316H2-B2	TD-3332H8-B2	TD-3364H8-B3
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP video input	8CH IPC input	16CH IPC input	32CH IPC input	64CH IPC input
Resolution	Max. 12MP	Max. 12MP	Max. 12MP	Max. 16MP
Network bandwidth	160Mbps Incoming 160Mbps Outgoing	192Mbps Incoming 192Mbps Outgoing	320Mbps Incoming 256Mbps Outgoing	512Mbps Incoming 256Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711A(U)	G.711A(U)	G.711A(U)	G.711A(U)
Decoding capability	Max. 12MP	Max. 12MP	Max. 12MP	Max. 8MP
Face comparison capability	18 pictures / second	18 pictures / second	18 pictures / second	36 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes(AI by IPC)	Yes(AI by IPC)	Yes(AI by IPC)	Yes(AI by IPC)
Intelligent analytics	Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.			Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human / vehicle attribute analysis etc.
Interface	2CH RJ45	2CH RJ45	2CH RJ45	2CH RJ45
Storage	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD	8CH SATA, max 10T per HDD 1CH E-SATA	8CH SATA, max 10T per HDD, 2CH E-SATA
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485	RS485	RS485	RS485
Power supply	DC12V / 2A	DC12V / 4A	ATX 250W	ATX-200W
Working environment	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity
Dimensions(mm)	300 × 248.5 × 48.1	380 × 268 × 48.1	445 × 436 × 90	445 × 436 × 90




33 SERIES

Model	TD-3364H16-B3	TD-33128H16-B3	TD-3308H1-8P-B2	TD-3308H2-8P-B2-B
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S
IP video input	64CH IPC input	128CH IPC input	8CH IPC input	8CH IPC input
Resolution	Max. 16MP	Max. 16MP	Max. 12MP	Max. 16MP
Network bandwidth	512Mbps Incoming 256Mbps Outgoing	512Mbps Incoming 256Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	24CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 8MP	Max. 8MP	Max. 12MP	Max. 16MP
Face comparison capability	36 pictures / second	36 pictures / second	18 pictures / second	18 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human / vehicle attribute analysis etc.		Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.	
Interface	2CH RJ45	2CH RJ45	1CH RJ45	1CH RJ45
Storage	16CH SATA, max 10T per HDD, 2CH E-SATA	16CH SATA, max 10T per HDD, 2CH E-SATA	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485, RS232	RS485, RS232	RS485	RS485
Power supply	ATX-275W	ATX-275W	DC48V / 2.5A	DC48V / 2.5A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	437 × 483 × 143	437 × 483 × 143	300 × 249 × 45	380 × 268 × 45

33 SERIES

Model	TD-3316H2-16P-B2	TD-3332H8-16P-B2	TD-3308H1-8P-B2	TD-3308H2-8P-B2-B
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP video input	16CH IPC input	32CH IPC input	8CH IPC input	8CH IPC input
Resolution	Max. 12MP	Max. 12MP	Max. 12MP	Max. 16MP
Network bandwidth	192Mbps Incoming 192Mbps Outgoing	320Mbps Incoming 256Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	8CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 12MP	Max. 12MP	Max. 12MP	Max. 16MP
Face comparison capability	18 pictures / second	18 pictures / second	18 pictures / second	18 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Supports multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.			
Interface	1CH RJ45	2CH RJ45	1CH RJ45	1CH RJ45
Storage	2CH SATA, max 10T per HDD	8CH SATA, max 10T per HDD, 1CH E-SATA	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485	RS485	RS485	RS485
Power supply	DC48V / 3.75A	ATX 300W (PoE)	DC48V / 2.5A	DC48V / 2.5A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	380 × 268 × 45	445 × 436 × 90	300 × 249 × 45	380 × 268 × 45




33 SERIES

Model	TD-3308H1-B2	TD-3316H2-B2-B	TD-3332H2-B2	TD-3316H4-B2
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP video input	8CH IPC input	16CH IPC input	32CH IPC input	16CH IPC input
Resolution	Max. 12MP	Max. 16MP	Max. 12MP	Max. 12MP
Network bandwidth	160Mbps Incoming 160Mbps Outgoing	192Mbps Incoming 192Mbps Outgoing	320Mbps Incoming 256Mbps Outgoing	192Mbps Incoming 192Mbps Outgoing
Video output	1CH 4K HDMI, 1CH 1080 VGA	1CH 4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 12MP	Max. 16MP	Max. 12MP	Max. 12MP
Face comparison capability	18 pictures / second	18 pictures / second	18 pictures / second	18 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Supports multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.			
Interface	2CH RJ45	2CH RJ45	2CH RJ45	2CH RJ45
Storage	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD	4CH SATA, max 10T per HDD, 1CH E-SATA
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	2CH USB 3.0, 1CH USB 2.0
Other port	RS485	RS485	RS485	RS485
Power supply	DC12V / 2A	DC12V / 4A	DC12V / 4A	ATX 250W
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	300 × 248.5 × 48.1	380 × 268 × 48.1	380 × 268 × 48.1	440 × 390 × 70




33 SERIES

Model	TD-3332H4-B2	TD-3308H1-8P-B2-B	TD-3316H2-16P-B2-B	TD-3316H4-16P-B2
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP video input	32CH IPC input	8CH IPC input	16CH IPC input	16CH IPC input
Resolution	Max. 12MP	Max. 16MP	Max. 16MP	Max. 12MP
Network bandwidth	320Mbps Incoming 256Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing	192Mbps Incoming 192Mbps Outgoing	192Mbps Incoming 192Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	16CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 12MP	Max. 16MP	Max. 16MP	Max. 12MP
Face comparison capability	18 pictures / second	18 pictures / second	18 pictures / second	18 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Supports multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.			
Interface	2CH RJ45	2CH RJ45	2CH RJ45	2CH RJ45
Storage	4CH SATA, max 10T per HDD, 1CH E-SATA	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD	4CH SATA, max 10T per HDD 1CH E-SATA
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485	RS485	RS485	RS485
Power supply	ATX 250W	DC48V / 2.5A	DC48V / 3.75A	ATX 300W (PoE)
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	440 × 390 × 70	300 × 249 × 45	380 × 268 × 45	440 × 390 × 70




33 SERIES

Model	TD-3332H4-16P-B2	TD-3332H8-A3	TD-3364H8-A3
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP video input	32CH IPC input	32CH IPC input	64CH IPC input
Resolution	Max. 12MP	Max. 16MP	Max. 16MP
Network bandwidth	320Mbps Incoming 256Mbps Outgoing	320Mbps Incoming 320Mbps Outgoing	512Mbps Incoming 512Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	16CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 12MP	Max. 16MP	Max. 16MP
Face comparison capability	18 pictures / second	36 pictures / second	36 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.	Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human/vehicle attribute analysis etc.	
Interface	2CH RJ45	2CH RJ45	2CH RJ45
Storage	4CH SATA, max 10T per HDD, 1CH E-SATA	8CH SATA, max 10T per HDD	8CH SATA, max 10T per HDD
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485	RS485	RS485
Power supply	ATX 300W(PoE)	ATX-200W	ATX-200W
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	440 × 390 × 70	445 × 436 × 90	445 × 436 × 90

33 SERIES

Model	TD-3364H16-A3	TD-33128H16-A3	TD-3364H8-A3H / A3H-B
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S
IP video input	64CH IPC input	128CH IPC input	64CH IPC input
Resolution	Max. 16MP	Max. 16MP	Max. 16MP
Network bandwidth	512Mbps Incoming 512Mbps Outgoing	512Mbps Incoming 512Mbps Outgoing	640Mbps Incoming 640Mbps Outgoing
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	24CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 16MP	Max. 16MP	Max. 16MP
Face comparison capability	36 pictures / second	36 pictures / second	36 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures
Fisheye	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human/vehicle attribute analysis etc.		
Interface	2CH RJ45	2CH RJ45	2CH RJ45
Storage	16CH SATA, max 10T per HDD	16CH SATA, max 10T per HDD	8CH SATA, max 10T per HDD 2CH E-SATA
USB	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS485, RS232	RS485, RS232	RS485
Power supply	ATX-275W	ATX-275W	ATX-200W
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	437 × 483 × 143	437 × 483 × 143	445 × 436 × 90

33 SERIES

Model	TD-3364H16-A3H / A3H-B	TD-33128H16-A3H / A3H-B	TD-33256H16-A3H/A3H-B
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S
IP video input	64CH IPC input	128CH IPC input	256CH IPC input
Resolution	Max. 16MP	Max. 16MP	Max. 16MP
Network bandwidth	640Mbps Incoming 640Mbps Outgoing	768Mbps Incoming 768Mbps Outgoing	768Mbps Incoming 768Mbps Outgoing
Video output	8K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA	8K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	24CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output	24CH alarm input, 8CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 16MP	Max. 16MP	Max. 16MP
Face comparison capability	36 pictures / second	36 pictures / second	36 pictures / second
Face picture database	32 libraries, 10000 Face pictures	32 libraries, 10000 Face pictures	32 libraries, 10000 Face Pictures
Fisheye	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, human / vehicle attribute analysis etc.		
Interface	2CH RJ45	2CH RJ45	2CH RJ45
Storage	16CH SATA, max 10T per HDD 2CH E-SATA	16CH SATA, max 10T per HDD 2CH E-SATA	16CH SATA, max 10T per HDD 2CH E-SATA
USB	1CH USB 3.0, 3CH USB 2.0	1CH USB 3.0, 3CH USB 2.0	1CH USB 3.0, 3CH USB 2.0
Other port	RS485, RS232	RS485, RS232	RS485, RS232
Power supply	ATX-275W	ATX-275W	ATX-275W
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	437 × 483 × 143	437 × 483 × 143	437 × 483 × 143

31 SERIES

Model	TD-3104H1-B2-B	TD-3108H1-B2-B	TD-3116H1-B2-B	TD-3116H2-B2-B
Image				
OS	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP Video input	4CH IPC input	8CH IPC input	16CH IPC input	16CH IPC input
Resolution	Max. 8MP	Max. 8MP	Max. 8MP	Max. 8MP
Screen display mode	1/4	1/4 /6/8/9	1/4 /6/8/9/13/16	1/4 /6/8/9/13/16
Video output	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA	4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	4CH alarm input, 1CH alarm output
Compression	G.711 (U/A)	G.711A/U)	G.711A/U)	G.711A/U)
Decoding capability	Max. 8MP	Max. 8MP	Max. 8MP	Max. 8MP
Network bandwidth	80Mbps Incoming 80Mbps Outgoing	80Mbps Incoming 80Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, line crossing, video exception, human / vehicle attribute analysis etc.			
Interface	1CH RJ45	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	2CH SATA3.0, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A	RS485
Power supply	DC 12V/1.5A	DC 12V/1.5A	DC 12V/1.5A	DC 12V/3A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions (mm)	300 × 249 × 45	300 × 249 × 45	300 × 249 × 45	380 × 268 × 45




31 SERIES

Model	TD-3104H1-4P-B2-B	TD-3108H1-8P-B2-B	TD-3108H2-8P-B2-B	TD-3116H2-16P-B2-B
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP Video input	4CH IPC input	8CH IPC input	8CH IPC input	16CH IPC input
Resolution	Max. 8MP	Max. 8MP	Max. 8MP	Max. 8MP
Screen display mode	1/4	1/4 / 6/8/9	1/4 / 6/8/9	1/4 / 6/8/9/13/16
Video output	1CH 4K HDMI, 1CH 1080 VGA	1CH 4K HDMI, 1CH 1080 VGA	1CH 4K HDMI, 1CH 1080 VGA	1CH 4K HDMI, 1CH 1080 VGA
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 8MP	Max. 8MP	Max. 8MP	Max. 8MP
Network bandwidth	80Mbps Incoming 80Mbps Outgoing	80Mbps Incoming 80Mbps Outgoing	80Mbps Incoming 80Mbps Outgoing	160Mbps Incoming 160Mbps Outgoing
Fisheye	Yes	Yes	Yes	Yes
License plate recognition	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)	Yes (AI by IPC)
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, human / vehicle attribute analysis etc.			
Interface	1CH RJ45	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	2CH SATA3.0, max 10T per HDD	2CH SATA3.0, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A	N/A
Power supply	DC 48V / 1.25A	DC 48V / 1.8A	DC 48V / 2.5A	DC 48V / 3.75A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions (mm)	300 × 249 × 45	300 × 249 × 45	380 × 268 × 45	380 × 268 × 45

30 SERIES

Model	TD-3004H1-B1	TD-3008H1-B1	TD-3016H1-B1	TD-3004H1-4P-B1
Image				
OS	Embedded linux	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP Video input	4CH IPC input	8CH IPC input	16CH IPC input	4CH IPC input
Resolution	Max. 6MP	Max. 6MP	Max. 6MP	Max. 6MP
Screen display mode	1/4	1 / 4 / 6 / 8 / 9	1 / 4 / 6 / 8 / 9 / 13 / 16	1 / 4
Video output	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA
Audio	N/A	N/A	N/A	N/A
Alarm	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output	N/A
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Decoding capability	Max. 6MP	Max. 6MP	Max. 6MP	Max. 6MP
Network bandwidth	40Mbps Incoming 40Mbps Outgoing	64Mbps Incoming 64Mbps Outgoing	64Mbps Incoming 64Mbps Outgoing	40Mbps Incoming 64Mbps Outgoing
Fisheye	N/A	N/A	N/A	N/A
License plate recognition	Yes	Yes	Yes	N/A
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, crowd density, etc.			
Interface	1CH RJ45	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A	N/A
Power supply	DC12V / 1.5A	DC12V / 1.5A	DC12V / 1.5A	DC48V / 1.25A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions (mm)	255 × 222 × 42	255 × 222 × 42	255 × 222 × 42	255 × 222 × 42

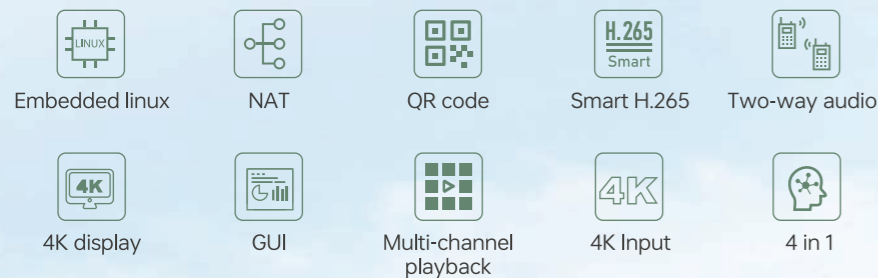
30 SERIES

Model	TD-3008H1-8P-B1	TD-3004H1-B1-B	TD-3008H1-B1-B
Image			
OS	Embedded linux	Embedded linux	Embedded Linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP Video input	8CH IPC input	4CH IPC input	8CH IPC input
Resolution	Max. 6MP	Max. 6MP	Max. 6MP
Screen display mode	1 / 4 / 6 / 8 / 9	1 / 4	1 / 4 / 6 / 8 / 9
Video output	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA
Audio	N/A	N/A	N/A
Alarm	N/A	Support IPC alarm input, Support IPC alarm output	Support IPC alarm input, Support IPC alarm output
Compression	G.711A(U)	G.711A(U)	G.711A(U)
Decoding capability	Max. 6MP	Max. 6MP	Max. 6MP
Network bandwidth	64Mbps Incoming 64Mbps Outgoing	40Mbps Incoming 40Mbps Outgoing	64Mbps Incoming 64Mbps Outgoing
Fisheye	N/A	N/A	N/A
LPR	N/A	N/A	N/A
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, crowd density, etc.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A
Power	DC48V / 1.8A	DC12V / 1.5A	DC 12V / 1.5A
Working environment	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity
Dimensions(mm)	255 × 222 × 42	255 × 222 × 42	255 × 222 × 42

30 SERIES

Model	TD-3016H1-B1-B	TD-3004H1-4P-B1-B	TD-3008H1-8P-B1-B
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264	H.265S / H.265+ / H.265 / H.264
IP Video input	16CH IPC input	4CH IPC input	8CH IPC input
Resolution	Max. 6MP	Max. 6MP	Max. 6MP
Screen display mode	1 / 4 / 6 / 8 / 9 / 13 / 16	1 / 4	1 / 4 / 6 / 8 / 9
Video output	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA	1CH 1080 HDMI, 1CH 1080 VGA
Audio	N/A	N/A	N/A
Alarm	Support IPC alarm input, Support IPC alarm output	N/A	N/A
Compression	G.711A(U)	G.711A(U)	G.711A(U)
Decoding capability	Max. 6MP	Max. 6MP	Max. 6MP
Network bandwidth	64Mbps Incoming 64Mbps Outgoing	40Mbps Incoming 64Mbps Outgoing	64Mbps Incoming 64Mbps Outgoing
Fisheye	N/A	N/A	N/A
LPR	N/A	N/A	N/A
Intelligent analytics	Support multiple VCA (Video Content Analytics) events, such as object abandoned / missing, region intrusion, tripwire, video exception, crowd density, etc.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD	1CH SATA3.0, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A
Power	DC12V / 1.5A	DC48V / 1.25A	DC48V / 1.8A
Working environment	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity	-10~50 °C , 10%~90% humidity
Dimensions(mm)	255 × 222 × 42	255 × 222 × 42	255 × 222 × 42

DVR SERIES



27 SERIES

Model	TD-2704NS-HC-H	TD-2708NS-HC-H	TD-2716NE-HC-H
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+
Analog video input	TVI / AHD / CVI (5MP)	TVI / AHD / CVI (5MP)	TVI / AHD / CVI (5MP)
Video input	2CH (up to 6CH)	4CH (up to 12CH)	8CH (up to 16CH)
Video output	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 5MP@30fps	Max. 5MP@30fps	Max. 5MP@30fps
Multi-screen display	1/4/6/9	1/4/6/8/9/13/16	1/4/6/8/9/13/16/25
Audio	4CH audio input, 1CH audio output	8CH audio input, 1CH audio output	8CH audio input, 1CH audio output
Alarm	4CH alarm input, 1CH alarm output	8CH alarm input, 8CH alarm output	16CH alarm input, 4CH alarm output
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network bandwidth	16Mbps(max.32Mbps) Incoming 40Mbps Outgoing	32Mbps(max.60Mbps) Incoming 60Mbps Outgoing	32Mbps (max. 64Mbps) Incoming 96Mbps Outgoing
Client connection	Max. 5	Max. 5	Max. 10
product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA, max 10T per HDD	1CH SATA, max 10T per HDD 1CH E-SATA	2CH SATA, max 10T per HDD 1CH E-SATA
USB	2CH USB 2.0	2CH USB 2.0	1CH USB 3.0, 1CH USB 2.0
Other port	R485	RS485	RS485
Power	DC12V / 1.5A	DC12V / 2A	DC12V / 4A
Working environment	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity	-10~50 °C, 10%~90% humidity
Dimensions(mm)	300 × 249 × 45mm	300 × 249 × 45mm	380 × 268 × 45

27 SERIES

Model	TD-2732NC-HC	TD-2732ND-HC	TD-2704NS-HP-H
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+
Analog video input	TVI / AHD / CVI (5MP)	TVI / AHD / CVI (5MP)	TVI / AHD / CVI (4K)
Video input	8CH (up to 24CH)	8CH (up to 24CH)	2CH (up to 6CH)
Video output	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 5MP@30fps	Max. 5MP@30fps	Max. 8MP@20fps
Multi-screen display	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36	1 / 4 / 6 / 9
Audio	16CH audio input, 1CH audio output	16CH audio input, 1CH audio output	N/A
Alarm	16CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output	N/A
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network bandwidth	40Mbps (max. 88Mbps) Incoming 160Mbps Outgoing	40Mbps (max. 88Mbps) Incoming 60Mbps Outgoing	16Mbps (max. 40Mbps) Incoming 40Mbps Outgoing
Client connection	Max. 15	Max. 15	Max. 10
Product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	4CH SATA, max 10T per HDD 1CH E-SATA	8CH SATA, max 10T per HDD 1CH E-SATA	1CH SATA, max 10T per HDD
USB	1CH USB 3.0, 1CH USB 2.0	1CH USB 3.0, 1CH USB 2.0	2CH USB 2.0
Other port	RS485	RS485	RS485
Power	ATX-250W	ATX-250W	DC12V / 1.5A
Working environment	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity
Dimensions(mm)	440 × 390 × 70	445 × 436 × 90	255 × 222 × 42



DVR

27 SERIES

Model	TD-2708NE-HP-H	TD-2716NE-HP	TD-2732ND-HP
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+	H.264 / H.265
Analog video input	TVI / AHD / CVI (4K)	TVI / AHD / CVI (4K)	TVI / AHD / CVI (4K)
Video input	8CH (Up to 16CH)	8CH (Up to 16CH)	8CH (up to 16CH)
Video output	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC	2CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 8MP@30fps	Max. 8MP@30fps	Max. 8MP@30fps
Multi-screen display	1 / 4 / 6 / 8 / 9 / 13 / 16	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36
Audio	8CH audio input, 1CH audio output	8CH audio input, 1CH audio output	16CH audio input, 1CH audio output
Alarm	8CH alarm input, 8CH alarm output	16CH alarm input, 4CH alarm output	16CH alarm input, 8CH alarm output
Compression	G.711 (U/A)	G.711A/U	G.711 (U/A)
Network bandwidth	32Mbps (max. 64 Mbps) Incoming 96Mbps Outgoing	32Mbps (max. 64 Mbps) Incoming 96Mbps Outgoing	148Mbps (max. 96Mbps) Incoming 192Mbps Outgoing
Client connection	Max. 10	Max. 10	Max. 20
Product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	2CH RJ45
Storage	2CH SATA, max 10T per HDD 1CH E-SATA	2CH SATA, max 10T per HDD 1CH E-SATA	8CH SATA, max 10T per HDD
USB	1CH USB 3.0, 1CH USB 2.0	1CH USB 3.0, 1CH USB 2.0	1CH USB 3.0, 2CH USB 2.0
Other port	RS 485	RS 485	RS485
Power	DC12V / 4A	DC12V / 4A	ATX-200W
Working environment	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity
Dimensions(mm)	380 × 268 × 45	380 × 268 × 45	445 × 436 × 90

DVR

21 SERIES

Model	TD-2104NS-HC-H	TD-2108NS-HC-H	TD-2116NS-HC-H
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+
Analog video input	TVI / AHD / CVI (4K)	TVI / AHD / CVI (4K)	TVI / AHD / CVI (5MP)
Video input	2CH (up to 6CH)	8CH (up to 16CH)	8CH (up to 16CH)
Video output	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 8MP@20fps	Max. 8MP@30fps	Max. 5MP@30fps
Multi-screen display	1 / 4 / 6 / 9	1 / 4 / 6 / 8 / 9 / 13 / 16	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25
Audio	N/A	N/A	1CH audio input, 1CH audio output
Alarm	N/A	N/A	N/A
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network bandwidth	16Mbps (max.40Mbps) Incoming 40Mbps Outgoing	32Mbps (max. 64 Mbps) Incoming 80Mbps Outgoing	32Mbps (max. 64 Mbps) Incoming 80Mbps Outgoing
Client connection	Max. 10	Max. 10	Max. 10
Product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	4CH SATA, max 10T per HDD	1CH SATA, max 10T per HDD	1CH SATA, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	RS485	RS485	RS485
Power	DC12V / 1.5A	DC12V / 3A	DC12V / 3A
Working environment	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity
Dimensions(mm)	255 × 222 × 42	255 × 234 × 42	255 × 234 × 42

DVR

21 SERIES

Model	TD-2104NS-HP-H	TD-2108NS-HP-H	TD-2116NE-HP
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265 / H.265+	H.264 / H.265 / H.265+	H.264 / H.265
Analog video input	TVI / AHD / CVI (4K)	TVI / AHD / CVI (4K)	TVI / AHD / CVI (4K)
Video input	2CH (up to 6CH)	8CH (up to 16CH)	8CH (up to 16CH)
Video output	1CH HDMI, 1CH VGA, 1CH BNC	1CH HDMI, 1CH VGA, 1CH BNC	2CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 8MP@20fps	Max. 8MP@30fps	Max. 8MP@30fps
Multi-screen display	1 / 4 / 6 / 9	1 / 4 / 6 / 8 / 9 / 13 / 16	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	16CH audio input, 1CH audio output
Alarm	N/A	N/A	N/A
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network bandwidth	16Mbps (max.40Mbps) Incoming 40Mbps Outgoing	32Mbps (max. 64 Mbps) Incoming 80Mbps Outgoing	32Mbps Incoming 96Mbps Outgoing
Client connection	Max. 10	Max. 10	Max. 10
Product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	2CH RJ45
Storage	1CH SATA, max 10T per HDD	1CH SATA, max 10T per HDD	2CH SATA, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	RS485	RS485	RS485
Power	DC12V / 1.5A	DC12V / 3A	DC12V / 4A
Working environment	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity
Dimensions(mm)	255 × 222 × 42	255 × 234 × 42	380 × 268 × 45

DVR

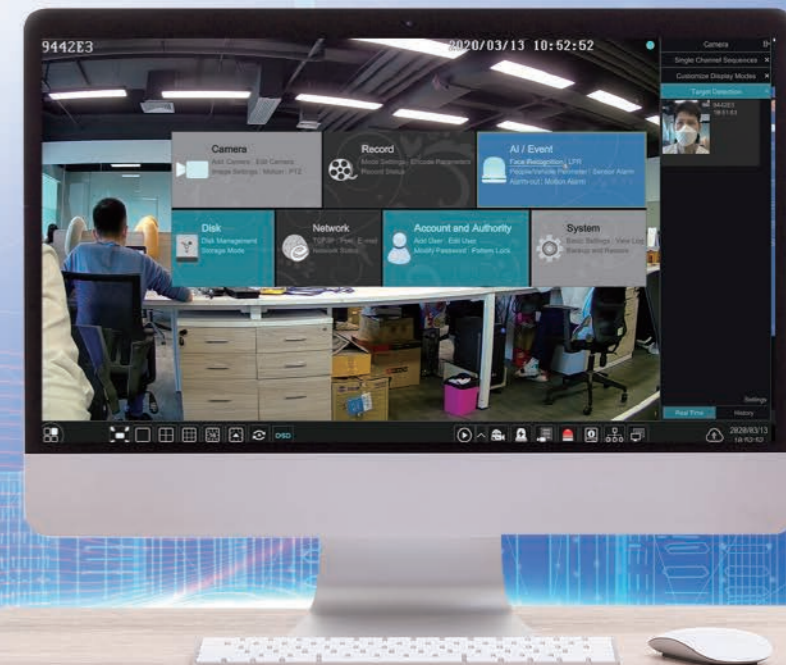
20 SERIES

Model	TD-2004NS-HL-L	TD-2008NS-HL-L	TD-2116NS-HL-H
Image			
OS	Embedded linux	Embedded linux	Embedded linux
Compression	H.264 / H.265	H.264 / H.265	H.264 / H.265
Analog video input	TVI / AHD / CVI (1080P)	TVI / AHD / CVI (1080P)	TVI / AHD / CVI (1080P)
Video input	2CH (up to 6CH)	2CH (up to 10CH)	2CH (up to 18CH)
Video output	1CH HDMI, 1CH VGA	1CH HDMI, 1CH VGA	1CH HDMI, 1CH VGA, 1CH BNC
Resolution	Max. 2MP@30fps	Max. 5MP@25fps	Max. 5MP@25fps
Multi-screen display	1/4/6/9	1/4/6/8/9/13/16	1/4/6/8/9/13/16/25
Audio	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output	1CH audio input, 1CH audio output
Alarm	N/A	N/A	N/A
Compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network bandwidth	10Mbps Incoming 30Mbps Outgoing	16Mbps Incoming 60Mbps Outgoing	16Mbps(max. 80Mbps) Incoming 80Mbps Outgoing
Client connection	Max. 5	Max. 5	Max. 10
Product feature	Intuitive and user-friendly Graphics User Interface (GUI); Multi-mode recording: manual / timed / sensor / motion / AI recording; Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.		
Interface	1CH RJ45	1CH RJ45	1CH RJ45
Storage	1CH SATA, max 8T per HDD	1CH SATA, max 8T per HDD	1CH SATA, max 10T per HDD
USB	2CH USB 2.0	2CH USB 2.0	2CH USB 2.0
Other port	N/A	N/A	N/A
Power	DC12V / 1.5A	DC12V / 1.5A	DC12V / 2A
Working environment	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity	-10 ~ 50 °C, 10% ~ 90% humidity
Dimensions(mm)	255 × 222 × 42	255 × 222 × 42	255 × 234 × 42

N9000

It is a embeded surveillance management system with strong performance and high quality, especially designed for small-scale surveillance management projects.

- Supports face detection and comparison
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Search: time slice, time, event, tag, smart search.
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording.
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration.
- Comprehensive security integration: support the variety of security sub-system access, including access control system, intercom system, parking system etc. Support RTSP/RTMP/HLS



N9000

DVR

SERVER





- A variety of servers, decoding devices, and network keyboards, catering to diverse application scenarios.
- Powerful capabilities, widely applicable to large, medium, and small-scale security applications.
- Facial recognition, license plate recognition, industrial temperature measurement, video structuring, E-map, etc.



Management Server

Model	TD-A300-MTC-E	TD-A400-MTC-E
Image		
CPU	Intel® Jasper Lake N5095	Intel Core i5
Memory	DDR4, 8GB	DDR4, 8GB
Operation system	Linux	Linux
Channel access	Max. 256	Max. 1024
Transfer server access	Max.1	Max.1
Storage server access	Max.1	Max.1
Device access of single transfer service	Max. 64DVRs / NVRs or 64 IPCs	Max. 128DVRs / NVRs or 300IPCs
User access	Max. 64 (extendible to 1024)	Max. 64
Online users	Max. 5	Max.64
Bandwidth	100Mbps (Incoming), 100Mbps (Outgoing)	100Mbps (Incoming), 100Mbps (Outgoing)
Features	Supports integrated management of face detection IP cameras (IPCs), face match servers, face recognition terminals, face match network video recorders (NVRs), and Automatic Number Plate Recognition (ANPR) cameras. Enables functionality for face image-based search, track playback, and integrates whitelist and blacklist alarm mechanisms, along with stranger alert capabilities. Facilitates face attendance, face greeting, people counting, car park management, and industrial temperature measurement features.	Support the integrated management of all range of IPCs / DVRs / NVRs of TVT, face detection, image search by face image, track playback, allow list and block list alarm as well as stranger alarm, face attendance, face greeting, people counting, parking lot management, temperature measurement.
Interface	1CH HDMI @ 4K, 1CH VGA @1080P, 1CH Line out, 1CH MIC IN	1CH HDMI @ 4K, 1CH VGA @1080P, 1CH Line out, 1CH MIC IN, 2CH USB 3.0, 8CH USB 2.0
Ethernet interface	1CH RJ45	2CH RJ45
Wi-Fi	1xM.2 2230 (optional)	N/A
Power	DC12V / 3A	ATX 180W
Working temperature	-5°C ~+45°C	0°C ~+60 °C
Dimensions (mm)	154 × 120 × 30	488 × 45 × 432
Weight (Kg)	0.47	6.02



Management Server

Model	TD-A510-MS-S	TD-A510-MTC-E	TD-A510-MTSC-E	TD-A510-MTS-E
Image				
CPU	Intel Core Processor I3	Intel Core Processor E-2200	Intel Core Processor E-2200	Intel Core Processor I3
Memory	8GB DDR4 ECC, up to 128GB	8GB DDR4 ECC, up to 128GB	8GB DDR4 ECC, up to 128GB	8GB DDR4 ECC, up to 64GB
Operation system	Linux	Linux	Linux	Linux
Channel access	Max. 1024 (extensible to 10000CH)	Max. 2024 (extensible to 20000CH)	Max. 2048 (extensible to 20000CH)	Max. 2048
Transfer server access	Max.32	Max.32	Max.32	N/A
Storage server access	Max.32	Max.32	Max.32	N/A
Device access of single transfer service	Max. 200DVRs / NVRs or 400IPCs	Max. 300DVRs / NVRs or 500IPCs	Max. 300NVRs or 500IPCs	Max. 300NVRs or 500IPCs
User access	Max. 64 (extensible to 1024)	Max. 64 (extensible to 1024)	Max. 64 (extensible to 1024)	N/A
Online users	Max. 64	Max. 64	Max. 64	N/A
Bandwidth	400Mbps (Incoming), 400Mbps (Outgoing)	640Mbps (Incoming), 640Mbps (Outgoing)	640Mbps (Incoming), 640Mbps (Outgoing)	880Mbps (Incoming), 880Mbps (Outgoing)
Features	Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, it can meet the requirements of various large and medium sized video surveillance systems. It can be widely used in the industries of retails, education, banking, chain stores, buildings, health care and so on.			
Interface	1CH VGA, 6CH USB 3.1, 2CH network interface, 1CH COM, 1CH remote management port	1CH VGA, 1CH HDMI, 6CH USB3.1, 4CH network interface, 1CH DP port, 1CH audio input / audio output	1CH VGA, 1CH HDMI, 6CH USB3.1, 4CH network interface, 1CH DP port, 1CH audio input/audio output	1CH VGA, 1CH HDMI, 6CH USB, 4CH network interface, 1CH DVI, 2CH audio input / audio output
Ethernet interface	2CH RJ45	N/A	N/A	N/A
Wi-Fi	N/A	N/A	N/A	N/A
Power	100~240V-6~3A / 50~60Hz	100~240V-6~3A / 50~60Hz	100~240V-6~3A / 50~60Hz	100~240V-6~3A / 50~60Hz
Working temperature	10° C ~ 35° C (Working), -40° C ~ +70° C (Standby)	10° C ~ 35° C (Working), -40° C ~ +70° C (Standby)	10° C ~ 35° C (Working), -40° C ~ +70° C (Standby)	10° C ~ 35° C (Working), -40° C ~ +70° C (Standby)
Dimensions (mm)	430 × 487 × 44	430 × 487 × 44	430 × 487 × 44	430 × 487 × 44
Weight (Kg)	12	12	12	12



All-in-One Server

Model	TD-A702E1-A0	TD-A708E1-A0	TD-A708M1-A0
Image			
Operation system	Linux	Linux	Linux
Memory	LPDDR4 8G, 64GB EMMC	LPDDR4 8G, 64GB EMMC	LPDDR4 8G, 64GB EMMC
Video output	1CH VGA (1920*1080), Max. HDMI 4K	1CH VGA (1920*1080), Max. HDMI 4K	1CH VGA (1920*1080), Max. HDMI 4K
Video compression	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S	H.264 / H.265 / H.265+ / H.265S
Audio output	1CH audio output, HDMI1 audio output	1CH audio output, HDMI1 audio output	1CH audio output, HDMI1 audio output
Audio compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Number of preview	Max. 72 (36+36)	Max. 84 (36+16+16+16)	Max. 104(36+36+16+16)
Resolution	Max. 16MP	Max. 16MP	Max. 16MP
Decoding capability	Max. 1 × 16MP	Max. 1 × 16MP	Max. 1 × 16MP
User access	Max. 64	Max. 64	Max. 64
Channel access	Max. 512CH	Max. 512CH	Max. 1000CH
Device access of Third-party protocol	Max. 256	Max. 256	Max. 256
Bandwidth	512Mbps (Incoming), 256Mbps (Outgoing), 256Mbps (Storage)	640Mbps (Incoming), 256Mbps (Outgoing), 384Mbps (Storage)	768Mbps (Incoming), 256Mbps (Outgoing), 512Mbps (Storage)
Face database	20000, 30 pictures / second	30000, 30 pictures / second	50000, 30 pictures / second
Vehicle database	10000, 25 pictures / second	10000, 25 pictures / second	10000, 25 pictures / second
Fisheye camera access	1CH fisheye camera to set fisheye mode	1CH fisheye camera to set fisheye mode	1CH fisheye camera to set fisheye mode
Ethernet interface	2CH RJ45	2CH RJ45	2CH RJ45
Storage	2CH SATA3.0, up to 10TB per HDD	8CH SATA3.0, up to 10TB per HDD, 2CH E-SATA	8CH SATA3.0, up to 10TB per HDD, 2CH E-SATA
Alarm	4CH alarm input, 4CH alarm output	16CH alarm input, 4CH alarm output	16CH alarm input, 8CH alarm output
USB	1CH USB3.0, 2CH USB 2.0	1CH USB3.0, 2CH USB 2.0	1CH USB3.0, 2CH USB 2.0
RS485	N/A	Yes	Yes
Power	DC12V 4A	ATX-200W	AC100V ~ 240V
Working temperature	-10° C - +50° C	-10° C - +50° C	-10° C - +50° C
Dimensions(mm)	380 × 268 × 45	445 × 436 × 90	560 × 472 × 88

All-in-One Server

Model	TD-A616E-E	TD-A624E-E
Image		
CPU	Intel Core Processor E3	Intel Core Processor E3
Memory	8GB DDR4 ECC, up to 64GB DDR4ECC memory	8GB DDR4 ECC, up to 64GB DDR4ECC memory
Operation system	Linux	Linux
HDD	16CH 3.5 inch SATA interface	24CH 3.5 inch SATA interface
HDD installation	Independent HDD bracket	Independent HDD bracket
Performance	700Mbps (Incoming), 700Mbps (Recording), 96Mbps(Playback) 700Mbps (Incoming), 700Mbps (Recording), 96Mbps(live view)	700Mbps (Incoming), 700Mbps (Recording), 96Mbps(Playback) 700Mbps (Incoming), 700Mbps (Recording), 96Mbps(live view)
Capacity	Up to 256TB (max.16T per HDD)	Up to 384TB (max.16T per HDD)
RAID	Hardware RAID (RAID 0, 1, 5, 6)	Hardware RAID (RAID 0, 1, 5, 6)
Card	Integrated I210-AT dual gigabit network cards	Integrated I210-AT dual gigabit network cards
Channel access	2048CH (extensible to 10000CH)	2048CH (extensible to 10000CH)
Device access	500 devices (extensible to 10000CH)	500 devices (extensible to 10000CH)
Device access of single transfer service	Max. 300 DVRs / NVRs or 500IPCs	Max. 300 DVRs / NVRs or 500IPCs
Features	Its software is installed before delivery, combined the video stream transfer and view and the record storage and playback. Due to its low cost, simple deployment, flexible expansion, powerful performance, good compatibility and high reliability, abundant data storage and strong management capability, it can meet the requirements of various large and medium sized video surveillance systems.	
Decoding output number	Max. 128CH	Max. 128CH
Transfer server access	Max. 32	Max. 32
Storage server access	Max. 32	Max. 32
User access	Max. 64 (extensible to 1024)	Max. 64 (extensible to 1024)
Online users	Max. 64	Max. 64
Interface	1CH VGA, 6CH USB, 2CH RJ45, 1CH IPMI, 1CH RS232	1CH VGA, 6CH USB, 2CH RJ45, 1CH IPMI, 1CH RS232
Power	100~240V-10~5A / 50~60Hz	100~240V-10~5A / 50~60Hz
Working temperature	10° C ~ 35° C (Working), -40° C ~+55° C (Standby)	10° C ~ 35° C (Working), -40° C ~+55° C (Standby)
Dimensions (mm)	670 × 444 × 132	670 × 444 × 177

Storage Server

Model	TD-S316E-E	TD-S324E-E
Image		
CPU	Intel Core Processor E3	Intel Core Processor E3
Operation system	Linux	Linux
Memory	8GB DDR4 ECC (up to 64GB)	8GB DDR4 ECC (up to 64GB)
HDD	16CH 3.5 inch SATA (hot-pluggable)	24CH 3.5 inch SATA (hot-pluggable)
HDD installation	Independent HDD bracket	Independent HDD bracket
Performance	800Mbps (Incoming), 800Mbps (Recording), 96Mbps(Playback) 800Mbps (Incoming), 800Mbps (Recording), 96Mbps(live view)	800Mbps (Incoming), 800Mbps (Recording), 96Mbps(Playback) 800Mbps (Incoming), 800Mbps (Recording), 96Mbps(live view)
Capacity	Up to 256TB (max.16T per HDD)	Up to 384TB (max.16T per HDD)
RAID	Hardware RAID(RAID 0, 1, 5, 6)	Hardware RAID(RAID0,1,5,6, 10)
Card	Integrated I210-AT dual gigabit network cards	Integrated I210-AT dual gigabit network cards
Monitor control	Integrated display controller	Integrated display controller
Protocol	Support TCP / UDP / RTSP protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index, accurate to second-level	Built-in index, accurate to second-level
Way of management	WEB management, seamless access to NVMS	WEB management, seamless access to NVMS
Features	It adopts thelatest intel C232 chipset, integrated intel Xeon E3-1220V5 highperformance multi-core processor and assorted advanced data processing and transmission technologies. Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, abundant data storage and strong management capability, it can meetthe requirements of various large and medium sized video surveillance systems.	
Interface	1CH VGA, 6CH USB, 2CH RJ45, 1CH IPMI, 1CH RS232	1CH VGA, 6CH USB, 2CH RJ45, 1CH IPMI, 1CH RS232
Power	100~240V-7~3.4A / 50~60Hz	100~240V-7~3.4A / 50~60Hz
Working temperature	10° C ~ 35° C (Working), -40° C ~+55° C (Standby), < 90% RH (35° C)	10° C ~ 35° C (Working), -40° C ~+55° C (Standby), < 90% RH (35° C)
ESD	Each item conforms to Intel ambient temperature test standard 15KV	Each item conforms to Intel ambient temperature test standard 15KV
Dimensions (mm)	670 × 444 × 132	670 × 444 × 177

Decoder

Decoding & Display

- 2 / 4*HDMI output@1080P
- Supports PS, RTP, TS, ES encapsulation formats (in platform running mode)
- Supports NTSC & PAL video formats
- H.265 HP/MP/BP and H.264 HP / MP / BP

Access



- Provides HTTP API protocol for the third-party
- Supports platform running mode and device running mode

Operation and Maintenance

- Supports device search
- Supports WEB client access, configuration and management
- Supports time zone, time and date settings
- Supports data port and HTTP port settings
- Supports data backup and restoration

Model	TD-1204D	TD-1102D	TD-1104D
Image			
Operating system	Embedded linux	Embedded linux	Embedded linux
Memory	LPDDR4 8GB; 16 GB EMMC	N/A	N/A
Video compression	H.264 / H.265 / MJPEG	H.265 / H.264	H.265 HP / MP / BP, H.264 HP / MP / BP
Video output	Max. HDMI 8K, Max. VGA 1080P	Max. HDMI 4K	Max. HDMI 4K
Video input	Max. HDMI 4K	N/A	Max. HDMI 1080P
Multi-screen display	Output 1 / 2 / 3 / 4: 1 / 4 / 9 / 16 / 25 / 36 / 64	1 / 4 / 9 / 16 / 25 / 36	1 / 4 / 9 / 16 / 25 / 36
Decoding capability	Max. 4CH 16MP@30fps	Max. 4CH 8MP@30fps	Max. 8CH 8MP@30fps
Audio interface	HDMI output, 1CH RCA local input / local output	1CH audio input, 1CH audio output, support two-way talk	4CH audio output, 1CH audio input, 1CH audio output, 3.5mm audio interface
Audio compression	G.711 (U/A)	G.711 (U/A)	G.711 (U/A)
Network interface	2CH RJ45	2CH RJ45	2CH RJ45
USB	1CH USB3.0, 2CH USB2.0	1CH USB3.0, 2CH USB2.0	1CH USB3.0, 1CH USB2.0
Alarm interface	4CH alarm input, 4CH alarm output	8CH alarm input, 4CH alarm output	8CH alarm input, 8CH alarm output
Serial ports	N/A	N/A	1CH RS485, 1CH RS232
Power	DC12V 4A	DC12V	DC12V
Power consumption	48W	N/A	N/A
Working temperature	-10° C - +50° C (10% ~ 90%)	-20° C ~ 50° C	-20° C - +50° C (5% ~ 95%)
Dimensions (mm)	380 × 268 × 45	380 × 268 × 45	380 × 268 × 45

Network Keyboard

Model	TD-K23	TD-K12
Image		
Operating system	Android 6.0	N/A
Screen	IPS 10.1 inch screen, 1280*800 capacitive touch screen	TFT LCD 320*240
Display	HDMI 4K@30fps	N/A
Decoding capability	Max.H.264 1CH 1080p@60fps / 4CH 720p@30fps Max.H.265 1CH 4k@30fps	N/A
Interfaces	1CH RJ45 Ethernet port, 1CH RS485, 1CH RS232, 1CH HDMI output(V 1.3), 1CH USB2.0 port, 1CH standard 3.5mm headphone jack	1CH RS422, 1CH RS232
Features	<ul style="list-style-type: none"> • H.264 / H.265 decoding • Maximum 4 screen display mode • Supports viewing images on the touch screen or • outputting images on the external monitor via HDMI interface • Supports the network access to the full range of our PTZ cameras • Supports PTZ control, preset, cruise and track setup and calling • ONVIF protocol supported • Up to 1024 devices to be added • Supports USB flash disk upgrade, USB mouse 	<ul style="list-style-type: none"> • Supports remote upgrading by Web client • Seamless integration with NVMS • Supports PTZ mode, serial port mode, platform mode, up to 256 speed domes controllable in PTZ mode • Supports playback control of TV wall client • Supports control of decoding videos • Supports keypad tone
Operation interface	4D Joystick, Buttons	4D Joystick, Knob, Buttons
Power	Standard 5.5 / 2.1 Power interface, DC 12V2A±10%	DC12V 2A
PoE	N/A	Yes (802.3 af)
Working temperature	10° C-40° C, 10%-90% (RH)	1-10°C ~ 55°C / 14° F~131° F, 20%~ 80% (RH)
Dimensions(mm)	450 × 179 × 115	321 × 179.2 × 108.5
Net weight (kg)	1.388	1.63

PoE Switch

4/8/16/24-Port AI PoE Switch



AI Watchdog



Long-distance transmission



Model	TD-B2204S1-PEU	TD-B2208S1-PEU	TD-B2208S1-PGU
Image			
PoE ports	4X10 / 100Mbps PoE ports (RJ45)	8X10 / 100Mbps PoE ports (RJ45)	8X10 / 100Mbps PoE ports (RJ45)
Uplink ports	2X10 / 100Mbps ports (RJ45)	2X10 / 100Mbps ports (RJ45)	2X10 / 100 / 1000Mbps ports (RJ45)
SFP port	/	/	/
MAC address table	1K	2K	2K
Switching capacity	1.2Gbps	2.0Gbps	5.6 Gbps
Long-Distance transmission	Support	Support	Support
PoE ports	1-4 ports	1-8 ports	1-8 ports
Total power	60W	120W	120W
Dimensions (mm)	143 X 115 X 40	195 X 130 X 40	195 X 130 X 40
Operating conditions	Operating temperature: -20°C ~55°C	Operating temperature: -20°C ~55°C	Operating temperature: -20°C ~55°C
Store conditions	Storage temperature: -40°C ~70°C	Storage temperature: -40°C ~70°C	Storage temperature: -40°C ~70°C
Net weight (kg)	1.0	1.0	1.0
Installation	Desktop	Desktop	Desktop

Model	TD-B2216S1-PGS	TD-B2224S1-PGS	TD-B2224S1-PGA
Image			
PoE ports	16X10 / 100Mbps PoE ports(RJ45)	24X10 / 100Mbps PoE ports(RJ45)	24X10 / 100 / 1000Mbps PoE ports(RJ45)
Uplink ports	2X10 / 100 / 1000Mbps ports(RJ45)	2X10 / 100 / 1000Mbps ports(RJ45)	2X10 / 100 / 1000Mbps ports(RJ45)
SFP port	1X0 / 100 / 1000Mbps SFP port	2X0 / 100 / 1000Mbps SFP port	2X0 / 100 / 1000Mbps SFP port
MAC address table	8K	8K	8K
Switching capacity	9.2 Gbps	12.8 Gbps	56 Gbps
Long-Distance transmission	Support	Support	/
PoE ports	1-16 ports	1-24 ports	1-24 ports
Total power	250W	300W	300W
Dimensions (mm)	430 X 180 X 45	430 X 180 X 45	430 X 180 X 45
Operating conditions	Operating temperature: -20°C ~60°C	Operating temperature: -20°C ~60°C	Operating temperature: -20°C ~60°C
Store conditions	Storage temperature: -40°C ~70°C	Storage temperature: -40°C ~70°C	Storage temperature: -40°C ~70°C
Net weight (kg)	2.65	2.65	2.65
Installation	Desktop or Rack mounting	Desktop or Rack mounting	Desktop or Rack mounting



SuperCam

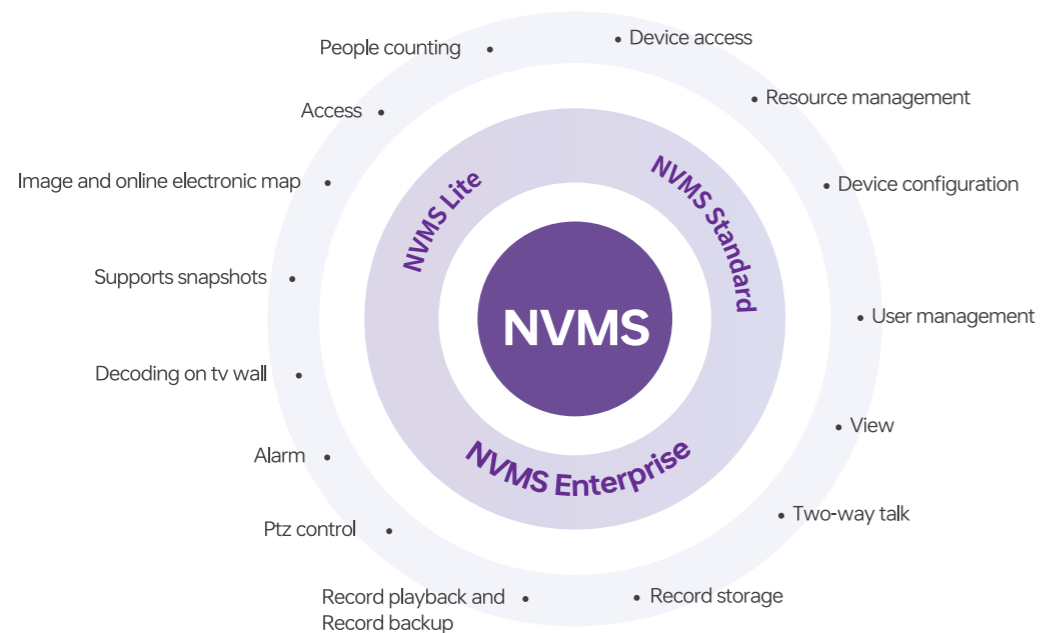
SuperCam Plus is a new generation of independent research and development surveillance App based on mobile platform. This App enhances the interfacial design, function integration and technology optimization compared with the last version. Additionally, it is compatible with our new generation of platform DVR/NVR.

- Re-designing the interface makes the operation easier and the interface look better.
- The P2P connection makes the connection faster and more stable.
- Support H264/H265/H265+ decoding
- Support push settings and notifications
- The functions of sharing to the third App or platform, including screenshot sharing, device sharing and so on, help to approach each other anytime and anywhere.
- Support varies of notable features, eg., device preview, multi-channel playback and multiple convenient gesture operations.
- Support PTZ mode, fisheye mode & AI mode preview
- Support search face image by image, by name or by event
- Support plate adding, vehicle search
- Support face track and body temperature display
- Support multi-device access, including thermal cameras, face recognition and temperature measurement terminals, AI cameras, SMT, DVR, NVR, access control device, doorbell, etc.
- Support account management









NVMS 2.1.4

NVMS is a newly video surveillance management platform released by TVT, featuring seamless access to all TVT's products and encoding devices of the famous manufacturers in the industry. With the powerful capability of video surveillance management, real-time preview, record storage, record playback, record download, alarm linkage, decoding on TV Wall, keyboard control, vehicle entrance and exit management as well as intelligent analytics are supported. Additionally, due to its open system architecture, its SDK/OCX can be provided to the third party for secondary development.









EDITION	LITE	STANDARD	PROFESSIONAL
System Capacity			
Channels	256	20000	20000
Devices	64	20000	20000
Max clients	1	Unlimited	Unlimited
os	Windows/MAC	Windows/Linux	Windows
Web browser client	X	V	V
APP	X	V	V
Access way			
ONVIF	V	V	V
RTSP	V	V	V
Auto-report	V	V	V
Auto discovery	V	V	V
Add by domain	V	V	V
P2P	V	V	V
Intelligent analysis			
Face surveillance	V	V	V
People counting	V	V	V
Behavior analysis device	V	V	V
Face greeting	X	V	V
Face attendance	X	V	V
Parking management	X	V	V
Live view			
Stream auto-adapted	V	V	V
Dual stream support	V	V	V
Instant playback	V	V	V
Manual recording	V	V	V
Multiple monitor	V	V	V
Fish-eye cameras	V	V	V
Panoramic cameras	V	V	V
PTZ control	V	V	V
Alarm view	V	V	V
Peripheral device			
Network keyboard	V	V	V
Decoder/TV wall	V	V	V

Cloud platform

-  Cloud VMS web
-  SuperCam Cloud
-  SuperCam Plus
-  Dealers web
-  Installers web
-  SuperCam Installer



-  **Cloud upgrade**
Upgrade remotely and safely
-  **Partner service**
News, E-learning, tools, device status monitoring
-  **AI service**
AI alarm notification, license plate recognition, video metadata
-  **Cloud VMS license activation**
Cloud storage, cloud VMS license
-  **Cloud VMS**
Multiple sites management and monitoring
-  **Operation management**
Account, device, commodity, order management, data dashboard



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