



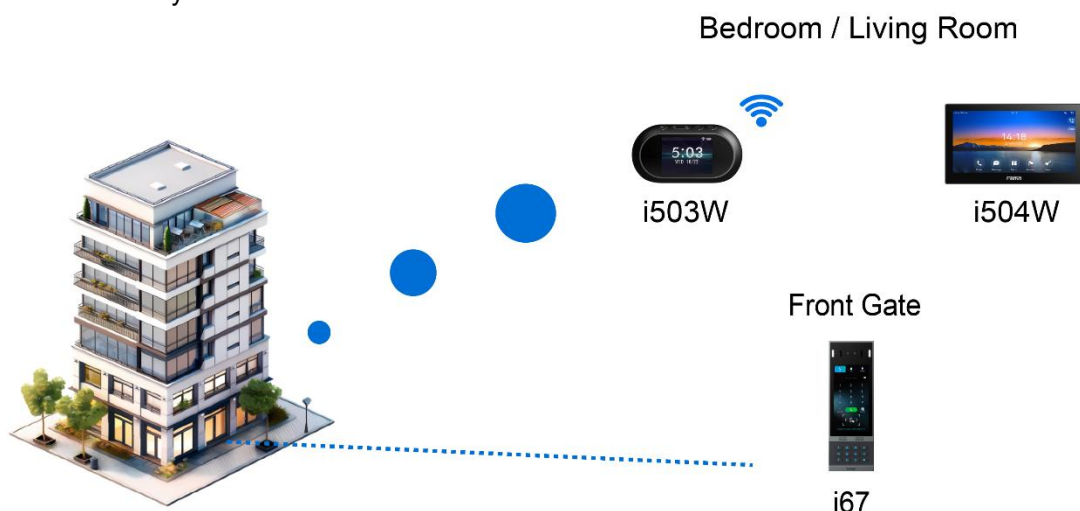
# Fanvil i503W SIP Indoor Station

## Overview

The i503W is a compact, wire-free indoor station tailored for retrofit and hard-to-wire projects. With its built-in rechargeable battery, Type-C interface, and plug-and-play design, it allows installers to deploy it rapidly while minimizing wiring costs. Designed for modern apartments, villas, and legacy buildings, i503W delivers a flexible, reliable, and convenient intercom experience, positioning it as the ideal choice for cost-effective, fast-deployment projects.

## Features

-  2.8-inch color display, supports audio and video calls with Fanvil door phones
-  Battery-powered for extended standby time and compact design for flexible indoor use
-  Supports G.722 and Opus audio codecs with up to 5-meter voice pickup for clear indoor communication
-  One-touch family call and multi-party full-duplex communication
-  Supports dual-band 2.4 GHz / 5 GHz Wi-Fi 6 for fast, stable wireless connectivity



## Specification

|                       |                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications          | Residential communities, office buildings, villas                                                                                                                 |
| Display               | 2.8-inch IPS color screen, resolution 320 × 240 pixels                                                                                                            |
| Casing Material       | ABS + PC                                                                                                                                                          |
| Button                | 5 programmable physical buttons                                                                                                                                   |
| Speaker               | 5 W multimedia speaker                                                                                                                                            |
| Battery Capacity      | 2600 mAh (typical capacity);<br>2470 mAh (rated capacity)                                                                                                         |
| Wi-Fi                 | 2.4 GHz / 5 GHz, Wi-Fi 6                                                                                                                                          |
| Power Supply          | 5 VDC, 2 A                                                                                                                                                        |
| Operating Temperature | −20 °C to +60 °C (−4 °F to +140 °F)                                                                                                                               |
| Storage Temperature   | −30 °C to +70 °C (−22 °F to +158 °F)                                                                                                                              |
| Operating Humidity    | 10% to 90% RH                                                                                                                                                     |
| Product Dimension     | 129.5 mm × 59.6 mm × 67.5 mm (5.10" × 2.35" × 2.66") (L × W × H);                                                                                                 |
| Installation          | Desktop Installation                                                                                                                                              |
| Gross Weight (G.W)    | 395.3 g                                                                                                                                                           |
| Package Dimensions    | Gift Box: 147.0 mm × 145.0 mm × 63.0 mm (5.79" × 5.71" × 2.48") (L × W × H);<br>Outer CTN: 340.0 mm × 310.0 mm × 318.0 mm (13.39" × 12.20" × 12.52") (L × W × H); |
| QTY/CTN               | 20 pcs                                                                                                                                                            |

## Functions

|                      |                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported Protocols  | SIP 2.0 over UDP/TCP/TLS                                                                                                                                       |
| Audio                | Narrowband codec: G.711a, G.711u, G.729AB, iLBC;<br>Wideband codec: G.722, Opus;<br>Full-duplex hands-free communication with Acoustic Echo Cancellation (AEC) |
| Video                | H.264                                                                                                                                                          |
| DTMF                 | In-band, out-of-band (RFC2833, SIP INFO)                                                                                                                       |
| Do Not Disturb (DND) | Supported                                                                                                                                                      |
| Additional Functions | Remote door unlocking, one-touch family call                                                                                                                   |