

Fanvil Y501W SIP Healthcare Intercom



Product Name: Fanvil Y501W SIP Healthcare Intercom

Manufacturer: Fanvil

Model Number: Y501W

Fanvil Y501W SIP Healthcare Intercom

The Fanvil Y501 series SIP healthcare intercoms including the Y501W are specifically crafted for applications such as home-based care, nursing houses, and other indoor settings.

Fanvil Y501W SIP Healthcare Intercom Key Features

- Support specific 433MHz wireless button
- Features 2 SIP accounts and 3 antibacterial material detachable function buttons
- Support HD audio with codec G.722 and Opus
- Built-in 2.4G & 5G Wi-Fi
- Built-in 1 short circuit input/output interface
- IP54 waterproof and dustproof
- Support PoE power supply
- Support wall mountable installation

These devices facilitate emergency communication, security protection, broadcasting, and more. Noteworthy features include HD audio quality, support for 2 SIP accounts, detachable DSS keys, IP54 waterproof and dustproof rating, and built-in 2.4G & 5G Wi-Fi. The Y501 series offers flexible installation options, with standard 86 box embedded and wall-mountable configurations, ensuring a prompt and reliable healthcare communication experience.

Fanvil Y501W SIP Healthcare Intercom - Technical Specifications

Generic

- 2 SIP Lines
- Auto answer
- HD Voice
- PoE Enabled
- Built-in 2.4GHz & 5G Wi-Fi(Y501W/Y501W-E)
- Intercom function
- External Power Supply (Optional)

Intercom Functions

- Support customized DSS keys
- Support wireless button (Optional)
- Network Time Synchronization
- Built-in Wi-Fi:

• 2.4G, 802.11 b/g/n

• 5G, 802.11 a/n

• Action URL / Active URL

Audio

• Narrowband Codec: G.711a/u, G.729AB, G.723.1, G.726, iLBC

• Wideband Codec: G.722, Opus

• Duplex intercom with Acoustic Echo Cancellor (AEC)

• Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)

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- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band ‐ DTMF-Relay (RFC2833) / SIP INFO

Networking

- Physical: 10/100 Mbps Ethernet
- WIFI: 2.4G & 5G (Y501W/Y501W-E)
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Wi-Fi Encryption: WPA /WPA2-PSK /802.X EAP
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Management

- Auto-Provisioning:

- via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069

- Management:

- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Firmware Upgrade
- Syslog

Physical Specifications

- 3 DSS buttons (Speed dial, Emergency, Cancel)
- Up to 10 wireless buttons supported
- Status indicator light: Red (registration failed, network anomaly), Green (registration successful, call)

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• 1 RJ45 port
• 1 short circuit input interface
• 1 relay: NC/NO Contacts, Max DC30V/1A, AC125V/0.5A
• Power: DC12V/1A or POE
• Power Consumption (Adapter):

• 0.94W~1.98W(Y501/Y501-E)
• 1.42W~2.35W(Y501W/Y501W-E)

• Power Consumption (PoE):

• 1.48W~2.37W(Y501/Y501-E)
• 1.99W~3.05W(Y501W/Y501W-E)

• Housing material: ABS
• 433 wireless button specification:

• Communication mode: FSK
• Working frequency: 433MHz
• Communication protocol: Ebelong1.1

• Installation:

• Indoor installation
• Standard 86 Box Embedded
• Wall Mountable

• Color: White
• Working temperature: -10 ~ 50 °C
• Storage temperature: -20 ~ 50 °C
• Relative humidity: 10% - 90%
• N.W/CNT: 3.7kg
• G.W/CNT: 3.98kg
• Equipment Dimension:

• 87.56 x 87.56 x 30mm (Wall Mountable)
• 87.56 x 87.56 x 21.5mm (86 Box Embedded)

• Packing Dimension: 95x106x40mm
• Outer CTN Dimension: 224x220x210mm (20 pcs)

Price: £73.00