

Fanvil Y501 SIP Healthcare Intercom



Product Name: Fanvil Y501 SIP Healthcare Intercom

Manufacturer: Fanvil

Model Number: Y501

Fanvil Y501 SIP Healthcare Intercom

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

Fanvil Y501 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 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 and IP54 waterproof and dustproof rating. 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 Y501 SIP Healthcare Intercom - Technical Specifications

Generic

- 2 SIP Lines
- Auto answer
- HD Voice
- PoE Enabled
- Intercom function
- External Power Supply (Optional)

Intercom Functions

- Support customised DSS keys
- Support wireless button (Optional)
- Network Time Synchronisation
- 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 Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms

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• DTMF: In-band, Out-of-Band & DTMF-Relay (RFC2833) / SIP INFO

Networking

• Physical: 10/100 Mbps Ethernet
• 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)
• 1 RJ45 port
• 1 short circuit input interface
• 1 relay: NC/NO Contacts, Max DC30V/1A, AC125V/0.5A

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ï¿½ Power: DC12V/1A or POE

ï¿½ Power Consumption (Adapter):

ï¿½ 0.94W~1.98W(Y501/Y501-E)

ï¿½ Power Consumption (PoE):

ï¿½ 1.48W~2.37W(Y501/Y501-E)

ï¿½ Housing material: ABS

ï¿½ 433 wireless button specification:

ï¿½ Communication mode: FSK

ï¿½ Working frequency: 433MHz

ï¿½ Communication protocol: Ebelong1.1

ï¿½ Installation:

ï¿½ Indoor installation

ï¿½ Standard 86 Box Embedded

ï¿½ Wall Mountable

ï¿½ Color: White

ï¿½ Working temperature: -10 ~ 50 °C

ï¿½ Storage temperature: -20 ~ 50 °C

ï¿½ Relative humidity: 10% - 90%

ï¿½ N.W/CNT: 3.7kg

ï¿½ G.W/CNT: 3.98kg

ï¿½ Equipment Dimension:

ï¿½ 87.56 x 87.56 x 30mm (Wall Mountable)

ï¿½ 87.56 x 87.56 x 21.5mm (86 Box Embedded)

ï¿½ Packing Dimension: 95x106x40mm

ï¿½ Outer CTN Dimension: 224x220x210mm (20 pcs)

Price: \$101.74