

Fanvil PA2S SIP Video Intercom & Paging Gateway (SIP-PA2S)



Product Name: Fanvil PA2S SIP Video Intercom & Paging Gateway (SIP-PA2S)

Manufacturer: Fanvil

Model Number: PA2S

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The Fanvil PA2S is a SIP paging gateway that uses the standard IP/RTP/RTSP protocol for media streaming. It sets a variety of functional interfaces in one: broadcast, recording, intercom, security. Through the connection of external devices to achieve audio and video intercom, broadcast, security trigger and other practical functions, the Fanvil PA2S can apply to multiple deployment scenarios. The size of the device is small, which is suitable for DIY applications of various integrated solutions.

Fanvil PA2S SIP paging gateway Key Features

- Exquisite, can be embedded in other equipment for internal installation
- Emergency call button interface, active call
- NVR video recording, standard RJ45 interface
- Recording output, 3.5mm standard audio interface
- Audio line out port, expandable external active speaker.
- 10W ~ 30W mono channel power amplifier output, according to the input voltage to setting the output power.
- Adaptive 10/100 Mbps network port, integrated PoE
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

The Fanvil PA2S is a compact and versatile device, designed for easy integration into other equipment for internal installation. It includes an emergency call button interface for active call functionality and supports NVR video recording via a standard RJ45 interface. The device features a recording output with a 3.5mm audio interface and an audio line-out port, allowing for the connection of an external active speaker. With a 10W to 30W mono-channel power amplifier output, it adjusts output power based on input voltage. The PA2S supports 10/100 Mbps networks with PoE integration and is compatible with major platforms such as Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, and Avaya.

Fanvil PA2S SIP paging gateway Technical Specification
Generic

- 2 SIP lines
- Speed dial
- Linkage with IP camera to realize video intercom
- Oral announcement of the IP address(in English)
- MP3 broadcasting
- Support mono active speaker (audio line out)
- Support audio line in
- Talkback recording output
- Switch signal input and output
- Support programmable DSS key ports
- PoE enabled

Device functions

- Auto-answering
- Programmable DSS keys
- Through button or web page volume adjustment
- Network time synchronization
- Time plan (task management)
- Incoming call multicast

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• Dynamic multicast function

• HTTP API

• Action URL / Active URI

Call functions

• Call out / answer / reject

• Call waiting

• Intercom, Multicast

• Speed dial

• Anonymous call (Hide caller ID)

Audio

• Narrowband codec: G.711A/U, G.729A/B, LBC, G.723, G.726-32K

• Wideband codec: G.722, Opus

• Full-duplex hands-free speakerphone with AEC

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

Network

• Physical: 10/100 Mbps Ethernet

• IP mode: IPv4/IPv6/IPv4&IPv6

• IP configuration: Static IP / DHCP / PPPoE

• VPN: L2TP / OpenVPN

• VLAN

• LLDP

• Qos

Physical

• Keypad: 3 keys, including 2 volume control keys (Up/Down) and 1 reset key (soft reset)

• RJ45 port x2: connect the network / WAN port: connect the network, Power over Ethernet (IEEE 802.3af), class 3 / Camera port: connected to the original camera

• Blue LED x1: (SIP status and network status)

• Recording output port x1: connect audio device / Out: mixed output of local microphone voice and call voice recording / Port: 3.5mm standard audio port / Impedance: 15 Ohm

• Ground screw x1

• Passive speaker port x1: connect the speaker

• Output power: 4Ω, PoE/10W, 12V/10W, 18V/20W, 24V/30W; related to power supply voltage. / 8Ω, PoE/5W, 12V/5W, 18V/10W, 24V/15W; related to power supply voltage.

• Wire diameter: 18AWG or higher. / Port: terminal socket

• Line out port x1: connect the active speaker / Out: adjustable by volume, max up to 1.2Vpp. / Port: terminal socket

• DSS keys port x1: connect the external buttons (support LED) / LED: Output 5.0Vdc/5mA. / Port: terminal socket

• MIC in / Line in port x1: connect the MIC or audio line in device / The multiplex port is microphone input by default, which be configured as audio line input function through software. / Electret condenser MIC is recommended / Sensitivity: - 38dB, impedance 2.2k ohm, bias voltage 2.54Vpp / Port: terminal socket

• Short circuit input and output port x1 (built-in relay) / Relay: MAX DC30V / 2A, AC125V / 0.5A / Port: terminal socket

• 2 parallel power input DC port: DC power input / DC power input: DC12V~24V/2A / 1 road for the 5.5mm DC power seat / 1 road for the 2 Pin terminal socket

• Housing material: aluminum alloy

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• Installation: Desktop stand / Wall-mounted
• Color: black
• Working temperature: -30~60°C;
• Storage temperature: -30~60°C;
• Working humidity: 10~95%
• Device dimensions: 113x83x28 mm
• Gift box dimensions: 147x114x58 mm
• Outer CTN dimensions: 310x248x322 mm (20 PCS)

Price: £81.30
