

## Fanvil PA3 SIP Paging Gateway



Product Name: Fanvil PA3 SIP Paging Gateway

Manufacturer: Fanvil

Model Number: PA3

### Fanvil PA3 SIP Paging Gateway

The Fanvil PA3 fits to every internal installation, especially for public broadcasting. With HD audio and function-rich interfaces, Fanvil PA3 can be used for real-time & fix-time MP3 broadcasting, and one-touch intercom when connecting to the external devices. Fanvil PA3 is your perfect choice to DIY the integrated broadcasting solution for the campus, shopping mall, railway station, building, etc.

#### Fanvil PA3 Key Features

- Can be embedded in other equipment for internal installation
- 10W~30W mono channels power amplifier output
- Adaptive 10/100 Mbps network port, integrated PoE
- 2 SIP Lines
- 1 Speaker Interface and 1 Microphone Interface
- 1 Audio in and 1 Audio out Interface
- Support the USB or TF card Connectivity Max to 32G
- 2 Interfaces of Programmable Keys with Indicator Light
- 1 Blue LED Status Indicator Light
- Support PoE (Class 4)
- Support Desktop and Wall-mounted Mode

The Fanvil PA3 is a compact, versatile paging adapter that can be embedded into other equipment for internal installation. It features a 10W~30W mono channel power amplifier output and supports 2 SIP lines for seamless communication. With an adaptive 10/100 Mbps network port and integrated PoE (Class 4), it ensures reliable connectivity. The PA3 includes interfaces for a speaker, microphone, audio in/out, and supports USB or TF card connectivity up to 32GB. Additionally, it offers 2 programmable keys with indicator lights and a blue LED status indicator. The PA3 can be used in both desktop and wall-mounted modes for flexible deployment.

#### Tiny Design for Limited Space

Small and stylish, Fanvil PA3 is suitable for the limited space in most of the application scenarios.

#### HD Audio for Public Broadcasting

With Wideband codec G.722 and Opus, Fanvil PA3 brings the users a crystal-clear telecom auditory experience.

#### Perfect Choice for Secondary Development

Featuring rich interfaces, Fanvil can be developed into broadcasting devices, amplifiers, and intercoms to meet the different requirements.

#### Achieve the Real-time and Fix-time Broadcasting

Connected to the USB or TF card max to 32G, Fanvil PA3 can be used to do the MP3 offline local broadcast as well as the online broadcast.

#### Video Linkage with IP Camera

Users can view the HD video image of the camera on the IP phone through Fanvil PA3, for monitoring the surrounding situation in real-time.

#### Fanvil PA3 Technical Specification

##### Generic

- 2 SIP Lines
- Speed dial
- Linkage with IP camera to realise video intercom
- Oral announcement of the IP address(in English)
- MP3 broadcasting
- Support programmable DSS key ports

## Fanvil PA3 SIP Paging Gateway

- Support mono active speaker
- Support audio line in
- Support TF card and USB flash drive
- PoE enabled

### Device Functions

- Auto-answering
- Programmable DSS keys
- Through button or web page volume adjustment
- Network time synchronisation
- Dynamic multicast function
- Support recording (through USB flash drive or server)
- Action URL/Action URI

### Call Functions

- Call out/answer/reject
- Call waiting
- Intercom, Multicast
- Speed dial
- Anonymous call (Hide caller ID)
- Call parking/pick-up (depending on server)

### Audio

- Narrowband codec: G.711A/U, G.729A/B
- 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

### Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

### Deployment & Management

## Fanvil PA3 SIP Paging Gateway

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIPPNP/TR-069
- Web management portal
- Web-based packet dump
- Configuration export/import
- Firmware upgrade
- Syslog

### Physical Specifications

- Keypad: 3 keys, including

- 2 volume control keys (up/down)
- 1 reset key (soft reset)

- DC port x1: DC power input

- Port: 2 Pin terminal socket

- RJ45 port x1: connect the network

- PoE enabled

- Blue LED x1: (SIP status and network status)
- Line in port x1: connect audio line input

- Port: 3.5mm standard audio port

- Line out port x1: connect the active speaker

- Out: adjustable by volume, max up to 1.2Vpp
- Port: terminal socket

- MIC in port x1: connect the MIC

- Electret condenser MIC is recommended
- Sensitivity: -38dB, impedance 2.2k ohm, bias voltage 2.54Vpp
- Port: terminal socket

- Passive speaker port x1: connect the speaker

- Output power: 4Ω, PoE/10W, 12V/10W, 18V/20W, 24V/30W; related to power supply voltage.
- Wire diameter: 18AWG or higher.
- Port: terminal socket

- DSS keys port x2: connect the external buttons (support LED)

- LED: Output 5.0Vdc/5mA.

## Fanvil PA3 SIP Paging Gateway

1 Port: 8 pin terminal socket

1 TF card slot x1: connect TF card

1 USB 2.0 port x1: Connect USB flash drive, broadcast local audio files.

1 DC power input: DC12V~24V/2A

1 PoE level: Class 4

1 Working temperature: -20C~50C

1 Storage temperature: -30C~60C

1 Working humidity: 10~95%

1 Installation: Desktop stand/ Wall-mounted

1 Colour: black

1 Device dimensions: 125x84.2x31mm

1 Gift box dimensions: 147x114x58mm

1 Outer CTN dimensions: 310x248x322mm (20pcs)

**Price: £99.80**

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