

Fanvil PA3 SIP Paging Gateway

Product Name: Fanvil PA3 SIP Paging Gateway



Manufacturer: Fanvil

Model Number: PA3

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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

- ½ Can be embedded in other equipment for internal installation
- ½ 10W~30W mono channels power amplifier output
- ½ Adaptive 10/100 Mbps network port, integrated PoE
- ½ 2 SIP Lines
- ½ 1 Speaker Interface and 1 Microphone Interface
- ½ 1 Audio in and 1 Audio out Interface
- ½ Support the USB or TF card Connectivity Max to 32G
- ½ 2 Interfaces of Programmable Keys with Indicator Light
- ½ 1 Blue LED Status Indicator Light
- ½ Support PoE (Class 4)
- ½ 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

- ½ 2 SIP Lines
- ½ Speed dial
- ½ Linkage with IP camera to realise video intercom
- ½ Oral announcement of the IP address(in English)
- ½ MP3 broadcasting
- ½ Support programmable DSS key ports

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- 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

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- 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.

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• Port: 8 pin terminal socket

• TF card slot x1: connect TF card
• USB 2.0 port x1: Connect USB flash drive, broadcast local audio files.
• DC power input: DC12V~24V/2A
• PoE level: Class 4
• Working temperature: -20C~50C
• Storage temperature: -30C~60C
• Working humidity: 10~95%
• Installation: Desktop stand/ Wall-mounted
• Colour: black
• Device dimensions: 125x84.2x31mm
• Gift box dimensions: 147x114x58mm
• Outer CTN dimensions: 310x248x322mm (20pcs)

Price: £117.90