

Fanvil PA3 SIP Paging Gateway

Fanvil PA3 is a SIP Public Announcement system device for industry application. The media stream transmission adopts standard IP/RTP/RTSP protocols. It has various functions and interfaces, such as Intercom, broadcast and recording, to adapt different application environments. Users can DIY the paging device easily.



Highlights

- Exquisite, can be embedded in other equipment for internal installation
- 10W ~ 30W mono channel power amplifier output, according to the input voltage to setting the output power.
- Audio line in port, 3.5mm standard audio interface, plug and play.
- Audio line out port, expandable external active speaker.
- Support USB2.0 port and TF card slot for data storage or audio offline broadcasting.
- Adaptive 10/100 Mbps network port, integrated PoE





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 programmable DSS key ports
- 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 synchronization
- Dynamic multicast function
- Support recording (through USB flash drive or server)
- 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,iLBC,G.723.1,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

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

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/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 to1.2Vpp.
  - 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.
  - 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
- Power Consumption (PoE): 1.85W ~ 10.8W
- Power Consumption (Adapter): 1.1W ~ 8.5W
- Qty/CTN: 20pcs
- N.W/CTN: 6.6kg
- G.W/CTN: 7.12kg
- Working temperature: -20℃ ~ 50℃
- Storage temperature: - 30℃ ~ 60℃
- Working humidity: 10~95%
- Installation: Desktop stand / Wall-mounted
- Color: black
- Device dimensions: 125x84.2x31 mm
- Gift box dimensions: 147x114x58 mm
- Outer CTN dimensions: 310x248x322 mm (20 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
For more information, please visit: www.fanvil.com

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