

PA2 SIP GATEWAY

PA2 is dedicated to the needs of industry users to develop a SIP audio and video intercom, voice transmission using standard IP / RTP protocol, video transmission using RTSP. It is well inherited Fanvil phone stability, carrier-class sound quality advantages, and perfectly compatible with all current SIP-based mainstream IPPBX / softswitch / IMS platform, such as Asterisk, Broadsoft, 3CX, Elastix and so on. It is a variety of functional interface in one, call, radio, video, security, recording, to adapt to a variety of use of the environment, convenient and rapid deployment of equipment, is ideal for everyone.

Highlights

- ✓ Small and exquisite, can be embedded in the internal installation
- ✓ Emergency call button interface, active call
- ✓ NVR video, standard RJ45 interface
- ✓ Recording output, 3.5mm standard audio interface
- ✓ 10W-30W adaptive output power
- ✓ System online management and upgrade



Intercom

- 2 SIP lines, supporting SIP 2.0 (RFC3261) and related RFC
- Supports two lines RTSP
- Voice broadcast IP address
- button or remote volume adjustment
- switch signal input and output
- Talkback recording output
- Full duplex handsfree (HF)
- default auto answer
- Dynamic multicast function
- Supports DC or POE power supply
- Support for custom DSS key interface
- Support monophonic active speakers
- Network time synchronization
- Action URL / Active URI remote control

Audio

- Narrowband speech coding: G.711a / u, G.723.1, G.726-32K, G.729AB
- Broadband speech coding: G.722
- Full Duplex Echo Cancellation (AEC)
- DTMF: In-band, out-of-band DTMF (RFC2833) / SIP Info

Networking/ Protocols

- Supports PoE (802.3af)
- Primary and secondary DNS servers are supported
- Support VLAN
- Supports SNTP client

- Support VPN L2TP / PPTP / IPSec
- Supports SRTP
- Support for HTTP / HTTPS web pages
- Support Qos: 802.1p / q, DSCP
- Support MD5 authentication
- Supports Web Filter
- DHCP / static / PPPoE
- STUN

Physical Specifications

- 2 RJ45 interface:
Yellow: WAN port 10 / 100M adaptive, support POE
PoE: 802.3af (Class 3: 6.49 ~ 12.95W)
Black: LAN port (connected to IP camera)
Cable: Super five lines or better
- 1 blue indicator (SIP status and network status)
- 2 volume plus or minus key
- 1 restore factory settings key
- 1 recording output interface:
3.5mm standard audio interface
- 1 ground screw
- 1 way passive speaker interface:
Output power: 4Ω, POE / 8W, 12V / 10W, 18V / 20W, 24V / 30W; related to supply voltage.
Wire diameter: 18 AWG or larger
Interface: Pluggable terminal block

- 1 headset speaker:
interface: Pluggable terminal block
- 1 DSS key interface (4 lines):
Indicator: Positive 3.3V output
Interface: pluggable terminal block
- 1 way microphone input interface:
Recommendation: Use an electret condenser microphone
Sensitivity: -38dB, bias voltage 2.2V
Interface: Pluggable terminal block
- 1 short circuit input and output interface (built-in relay):
Relay: MAX DC30V / 1A, AC125V / 0.5A,
Interface: pluggable terminal block
- 2 parallel power input interface:
12V-24V / 2A DC 1 road for the 5.5mm DC power seat 1 road way 2Pin pluggable terminal block
- Standby power consumption: to be determined
- Housing material: aluminum alloy shell
- Installation: Indoor installation
- Operating temperature: -20 ~ 60 °C
- Storage temperature: -40 ~ 70 °C
- Equipment size: To be determined
- Packing size: To be determined
- Equipment weight: to be determined
- Packaging Weight: To be determined

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. Customers should consult Fanvil's retailers, distributors, or Fanvil directly, if customers have concerns on any feature.

For more information, please visit: www.fanvil.com

Compatibility

