

## PA2 SIP VIDEO INTERCOM&PAGING GATEWAY

PA2 is a SIP video intercom & Paging device for industry application. The media stream transmission adopts standard IP/RTP/RTSP protocol. It inherits the advantages of the stability and the sound quality of FANVIL VOIP Phone. It is perfectly compatible with all the current SIP IPPBX /IMS platforms, such as Asterisk, Broadsoft, 3CX, Elastix, etc. It has various functions and interfaces, Such as Intercom, broadcast, video , security, recording, to adapt different application environment, you can very easy to DIY your video intercom & paging equipment. PA2 is the best choice for everyone.

### Highlights

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

### Intercom

- Two 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
- Handsfree talking
- Default auto answer
- Dynamic multicast function
- Supports DC or PoE power supply
- Support for Function 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
- Duplex intercom with Acoustic Echo Canceller (AEC)
- DTMF: In-band, out-of-band DTMF (RFC2833) / SIP Info

### Networking/ Protocols

- Supports PoE
- Primary and secondary DNS servers are supported
- Support VLAN
- Supports SNTP client
- Support L2TP / OpenVPN

- 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: (Class 3: 6.49 ~ 12.95W)  
Black: LAN port (Only connected to the original 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  
15 Ohm impedance
- 1 ground screw
- 1 way passive speaker interface:  
Output power: 4Ω, PoE / 10W, 12V / 10W,18V / 20W, 24V / 30W; related to supply voltage.  
Wire diameter: 18 AWG or larger diameter  
Interface: Pluggable terminal block
- 1 headset speaker:



- Output: 32 Ohm 1.2V interface: Pluggable terminal block
- 1 DSS key interface (4 lines):  
Indicator: Output 5.0V 5mA  
Interface: pluggable terminal block
- 1 way microphone input interface:  
Recommendation: Use an electret condenser microphone  
Sensitivity: -38dB, Impedance 2.2 K Ohm 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: DC12V 1.32W / PoE 1.78W
- Housing material: aluminum alloy shell
- Installation: Indoor installation
- Operating temperature: -30 ~ 60 °C
- Storage temperature: -30 ~ 60 °C
- Relative humidity: 10% - 95%
- Equipment size: 113x83x28mm
- Packing size: 138x108x77mm
- Equipment weight: 250g

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](http://www.fanvil.com)

### Compatibility

