

PA2-AMP-S SIP VIDEO INTERCOM & PAGING GATEWAY

PA2-AMP-S is a SIP video intercom and paging device for industry applications. The media stream transmission utilizes standard IP/RTP/RTSP protocols. It is perfectly compatible with all the current SIP IPPBX /IMS platforms, such as Ericsson-LG iPECS, Asterisk, Broadsoft, 3CX, Elastix, etc. It has various functions and interfaces, such as Intercom, broadcast, video, security, and recording to adapt to different application environments.

Highlights

- ✓ Small form factor
- ✓ 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
- Half 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 (Only connected to the original camera)
 Cable: Cat 5 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;
 Wire diameter: 18 AWG or larger diameter
 Interface: Pluggable terminal block

- 1 headset jack:
 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 ~ 70 °C
- Storage temperature: -40 ~ 70 °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.