XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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SIP

Video Intercom & Paging Gateway

PA2

PoE IPv6

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 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

Specification

Generic
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
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 andnetwork 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 5.5 mm 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