XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

www.xtendindonesia.co.id

SIP
Paging Gateway

PA3

HD PoE IPv6

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
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

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)
Call parking/pick-up (depending on server)

Audio
Narrowband codec: G.711A/U, G.729A/B
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

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 & Maintenance

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 out port x1: connect the active speaker
Out: adjustable by volume, max up to1.2Vpp.
Port: terminal socket

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 to 1.2Vpp.
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 suplply voltage
Wire diameter: 18AWG or higer
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

Color: black

Working temperature: -20°C ~ 50°C

Storage temperature: -30°C ~ 60°C

Working humidity: 10~95%

Installation: Desktop stand / Wall-mounted

Device dimensions: 113x83x28 mm

Gift box dimensions: 147x114x58 mm

Outer CTN dimensions: 310x248x322 mm (20 PCS)