XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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SIP
Ceiling Speaker

FH-S01

PoE IPv6

PA2S is a SIP audio&video intercom and 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, video, broadcast, recording and short circuit trigger, to adapt different application environments. Users can DIY the paging device easily.

Highlights

- All in one functionalities with audio codec, digital amplifier and speaker
- Hight-intelligibility performance with G.722&Opus codec
- Support up to 10 multicast zones with prioritization
- Audio power up to 15W with built-in class Damplifier
- Support talkback with built-in microphone
- Customize the WAV file for emergency notification and alarming
- Linkage with security alarming devices
- Suppotr remote configuration via web page and auto-provisioning
- 10/100 Mbps Ethernet, Integrated PoE(IEEE 802.3af, class 0)
- Ideal for school, office, station, retail, factory, etc.

Specification

Generic

2 SIP Lines

Ceiling Installation

Overall Dimensions: 238.5mm X 238.5mm X 148.3mm

Back box Dimensions. 202.5mm X 202 mm x 13mm

MP3 broadcasting

10 multicast zones

Taback application

Link with security alarm device

PoE enabled

Support DC power supply

Device Functions

Auto-answering

Network time synchronization

Web page volume adjustment

Dynamic multicast function

Support recording through server)

Action URL / Active URI

Audio

Audio codecs: G.711A/U, G.729A/B, iLBC, G.723, G.726-32K, G.722, Opus

DTMF: In-band, Out-band (RFC2833/SIP INFO)

Speaker: Frequency response: 100-20KHz
Sensitivity: 89dB +- 3dB 1m/1W
Impedance: 8Ω
Audio Power: 18V/15W, PoE/10W

Mic: Omni-Directional
Sensitivity:-365 3dB, impedance 2.2k ohm, bias voltage 2V

Network

Physical: 10/100 Mbps

Network mode:IPv4/IPv6/IPv4&IPv6

IP Setting: Static IP / DHCP / PPPoE

VPN: L2TP / OpenVPN

VLAN

LLDP

QoS

Protocols

SIP2.0 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

DC port x1: DC power input port: 2 pin terminal socket
RJ45 port x1: connect the network power over Ethernet(IEEE 802.3af, class 0)
Short circuit input and output port x1(built in relay)
Relay: MAX DC30V/2A Port: terminal socket
Blue LED x1: Power status
DC Power Input: 5V/2A
Working Temperature: -20~50°C
Storage Temperature: -30~60°C
Working Humidity: 10~95%
Installation: Ceiling-mounted
Color: Dark gray