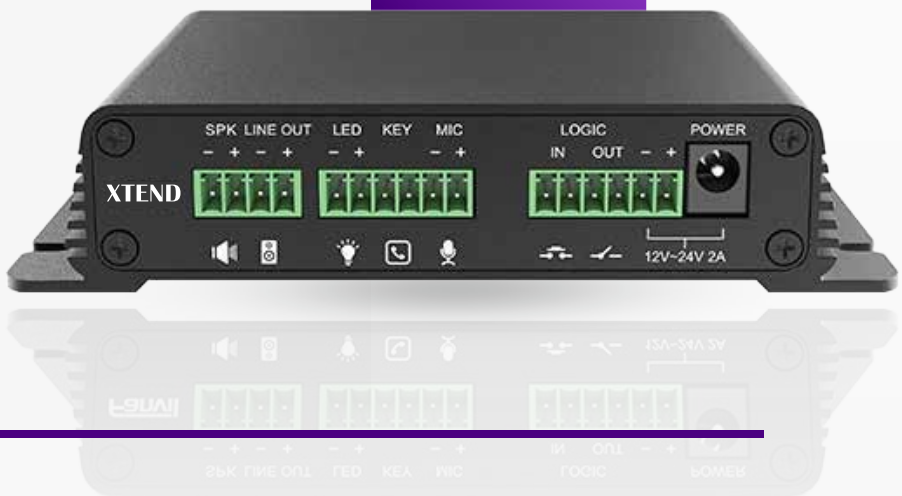
XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

www.xtendindonesia.co.id

SIP

Video Intercom & Paging Gateway

PA2S



FH-S01 is a SIP ceiling Speaker featuring paging multicasting, broadcasting and talkback functionalities. It supports up to 10 multicast zones with prioritization It delivers high intelligibility performance with G.722&Opus codecs. Adopted standard SIP 2.0(RFC3261) and related RFC protocols, it has strong compatibility and scalability.

Highlights

- Exquisite, can be embedded in other equipment for internal installation
- Emergency call button interface, active call
- NVR video recording, standard RJ45 interface
- Recording output, 3.5mm standard audio interface
- Audio line out port, expandable external active speaker.
- 10W ~ 30W mono channel power amplifier output, according to the input voltage to setting the output power.
- 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 mono active speaker (audio line out)
Support audio line in
Talkback recording output
Switch signal input and output
Support programmable DSS key ports
PoE enabled

Device Functions
Auto-answering
Programmable DSS keys
Through button or web page volume adjustment
Network time synchronization
Time plan (task management)
Incoming call multicast
Dynamic multicast function
HTTP API
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

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

Keypad: 3 keys, including: 2 volume control keys (Up/Down)
1 reset key (soft reset)

Blue LED x1: (SIP status and network status)

RJ45 port x2: connect the network
WAN port: connect the network, support PoE
Camera port: connected to the original camera

Recording output port x1: connect audio device
Out: mixed output of local microphone voice and call voice recording
Port: 3.5mm standard audio port
Impedance: 15 Ohm

Ground screw x1

Passive speaker port x1: connect the speaker
Output power:
4Ω, PoE/10W, 12V/10W, 18V/20W, 24V/30W; related to power supply voltage.
8Ω, PoE/5W, 12V/5W, 18V/10W, 24V/15W; related to power supply voltage.
Wire diameter: 18AWG or higher.
Port: terminal socket

Line out port x1: connect the active speaker
Out: adjustable by volume, max up to 1.2Vpp.
Port: terminal socket

DSS keys port x1: connect the external buttons (support LED)
LED: Output 5.0Vdc/5mA.
Port: terminal socket

MIC in / Line in port x1: connect the MIC or audio line in device
The multiplex port is microphone input by default, which be configured as audio line input function through software.
Electret condenser MIC is recommended
Sensitivity: - 38dB, impedance 2.2k ohm, bias voltage 2.54Vpp
Port: terminal socket

Short circuit input and output port x1 (built-in relay)
Relay: MAX DC30V / 2A, AC125V / 0.5A
Port: terminal socket

2 parallel power input DC port: DC power input
DC power input: DC12V~24V/2A
1 road for the 5.5mm DC power seat
1 road for the 2 Pin terminal socket

PoE level: Class 3

Housing material: aluminum alloy

Installation: Desktop stand / Wall-mounted

Color: black

Working temperature: -30°C ~ 60°C

Storage temperature: -30°C ~ 60°C

Working humidity: 10~95%

Device dimensions: 113x83x28 mm

Gift box dimensions: 147x114x58 mm

Outer CTN dimensions: 310x248x322 mm (20 PCS)