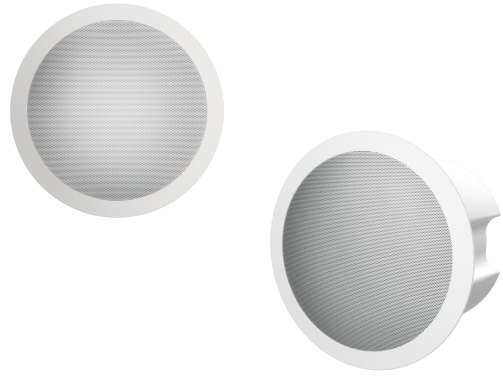# FH-S01   SIP Ceiling Speaker

The Fanvil FH-S01 ceiling speaker integrates intercom function. The core part adopts mature VoIP solutions.The media stream transmission adopts standard IP/RTP/RTSP protocols..

The FH-S01 supports SIP 2.0 (RFC3261) and related RFC protocols.The FH-S01 integrate multiple interface,such as relay in、 DC power、 RJ 45 and so on.The SIP Ceiling speaker is suitable for a variety of application: paging, broadcasting, recording, security.

Key features

- ☑ Integrate network audio codec, digital amplifier and speaker
- ☑ Link security alarm equipment
- ☑ Support intercom application
- ☑ Insert high fidelity speaker
- ☑ Adjust volume remotely with Web page
- ☑ Adaptive 10/100 Mbps network port, integrated PoE
- ☑ Compatible with major IP PBX / soft switch /IMS platforms based on SIP, such as asterisk, BroadSoft, 3CX, metaswitch, elastix, Avaya, etc

Generic

- 2 SIP lines
- Ceiling installation
- MP3 broadcasting
- Intercom application
- Interact with security alarm equipment
- 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)
- Full duplex, support AEC
- Speaker:
  - ➢ 6" coaxial UV stabilized
  - ➢ Frequency response：100-20KHz
  - ➢ Sensitivity:89dB±3dB 1m/1W
  - ➢ Impedance:8Ω
  - ➢ Power:
    Rated power 30W, PoE 10W
- Mic:
  - ➢ Omni-Directional
  - ➢ Sensitivity:-36±-3dB

Network

- 10/100 M bps
- 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 & Management

- 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)
- Relay in port x1:connect security equipment
  - ➢ Port: 2 Pin terminal socket
- Blue LED x1:Power status
- DC power input: DC 16V~2A
- Working temperature: -20℃~ 55℃
- Storage temperature: -30℃~ 60℃
- Working humidity: 10~95%
- Installation: Ceiling-mounted
- Color: White

兼容性列表

3CX | Asterisk | AVAYA | broadsoft | epygi | HUAWEI | Jabra GN | metaswitch | NEC

New Rock TECHNOLOGIES | OpenVox | plantronics | PORTA ONE | SENNHEISER | Yeastar | Yuneasy 云翊通信 | ZTE中兴 | ZYCOO