



IP Speakers Quick Start Guide



SIP-S01/M



SIP-S03T/M



SIP-S02



SIP-S11/T/H/M



SIP-S21/H



SIP-S21T/M



SIP-S22



SIP-S22T

Features

- Compatible with VoIP SIP device.
- Compatible with ONVIF VMS.
- PoE eliminates need for local power supply.
- 48K OPUS Audio Codec enables excellent sound quality.
- Support pre-recorded messages, schedule, HTTP, alarm in.

Specification

Model	SIP-S01 SIP-S01M	SIP-S03T SIP-S03M	SIP-S02	SIP-S11 SIP-S11H	SIP-S11T SIP-S11M	SIP-S21 SIP-S21H	SIP-S21T SIP-S21M	SIP-S22	SIP-S22T
Protocol	SIP, SIP P2P, ONVIF, HTTP, HTTPS, IPv4, DHCP, RTSP, RTP, RTCP, TCP, UDP, ARP, NTP								
Codec	OPUS 48KHz, MP3 44.1KHz, G.722 ADPCM 16KHz, G.711U 8KHz, G.711A 8KHz, GSM, LPCM Stereo 44.1KHz, LPCM Mono 44.1KHz								
Network Interface	RJ45, 10BASE-T/100BASE-TX								
MIC	SIP-S01M	SIP-S03M	N/A	SIP-S11H	SIP-S11M	SIP-S21H	SIP-S21M	N/A	N/A
Audio in	N/A	N/A	N/A	N/A	N/A	SIP-S21H	SIP-S21M	N/A	N/A
Rated Power	15W	30W	50W	15W	30W	15W	30W	15W	30W
Power	PoE or DC 12v	PoE or DC 12v/24v	PoE++ or DC 24v	PoE or DC 12v	PoE or DC 12v/24v	PoE or DC 12v	PoE or DC 12v/24v	PoE or DC 12v	PoE or DC 12v/24v
Max SPL	96dB	110dB	89dB	101dB	105dB	113dB	120dB	113dB	120dB
Frequency Response	100Hz- 18KHz	93Hz- 20KHz	80Hz- 20KHz	80Hz- 20KHz	80Hz- 20KHz	300Hz- 8KHz	350Hz- 8KHz	300Hz- 8KHz	350Hz- 8KHz
Material	Metal	Metal	ABS	ABS (IP55)	ABS (IP55)	ABS (Mic IP66) (IP67)	ABS (Mic IP66) (IP67)	ABS (IP67)	ABS (IP67)
Weight (kg)	1	1.95	1.9	3	3.75	1.4	2	1.4	2
Size(mm)	200*90	265* 105	230* 160	296*196 *157	296* 196 *157	225*165 *240	285*205 *290	200*230	246*292

Hardware Interface

The IP Speaker has interface of Alarm in, PoE and DC Power except that the built-in MIC horn speaker SIP-S21H and SIP-S21M also has audio in. The IP Speaker can be powered by PoE or DC Power.



Configuration

Option 1: Quick IPTool Setting

- (1) Enter www.tonmind.com to download IPTool for configuration.
(Download routine: Support>Download Center>Software).
- (2) Scan Local area network devices.
- (3) Start your setting.

Option 2: Complete Web Setting

- (1) Change the IP of computer to 192.168.5.X network segment.
- (2) Open a browser and type in <http://192.168.5.200>
- (3) Enter the user name and password in Login page.
Default user: admin password: tm1234
- (4) Start your setting.

TONMIND

Status

Basic

ONVIF

SIP Account

Audio

Media File

Alarm

Schedule

RTP Multicast

Firewall

Auto Provision

System

Status

Device Time

Device ID

Firmware Ver

Free Space

SIP1 Status

SIP2 Status

Network

MAC Address

IP Address

Subnet Mask

Gateway

Primary DNS

Secondary DNS

Refresh

Device Time	2024-07-31 09:23:45
Device ID	503592891099621C
Firmware Ver	CS20-V3.3.36
Free Space	3836KB
SIP1 Status	NONE
SIP2 Status	NONE
MAC Address	A2:C0:A4:20:27:92
IP Address	192.168.5.200
Subnet Mask	255.255.255.0
Gateway	192.168.5.1
Primary DNS	192.168.5.1
Secondary DNS	218.85.152.99

Adding IP Speaker to VMS

- (1) Make sure the VMS supports ONVIF Profile S Audio Backchannel.
- (2) Open IP Speaker web, login ONVIF and save.

ONVIF

ONVIF Enable

WAN NAT

Save

ONVIF Enable	☒
WAN NAT	☐

- (3) Open VMS, scan the IP Speaker and press the MIC icon to “Talk” to speaker.
(Note: For the built-in MIC speaker, it supports listen and intercom in ONVIF VMS from speaker Mic)