# **TONMIND**

# **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-S03T	SIP-S02	SIP-S11	SIP-S11T	SIP-S21	SIP-S21T	SIP-S22	SIP-S22T
	SIP-S01M	SIP-S03M		SIP-S11H	SIP-S11M	SIP-S21H	SIP-S21M		
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	PoE or DC	PoE++ or	PoE or DC	PoE or DC	PoE or DC	PoE or DC	PoE or DC	PoE or DC
	12v	12v/24v	DC 24v	12v	12v/24v	12v	12v/24v	12v	12v/24v
Max SPL	96dB	110dB	89dB	101dB	105dB	113dB	120dB	113dB	120dB
Frequency	100Hz-	93Hz-	80Hz-	80Hz-	80Hz-	300Hz-	350Hz-	300Hz-	350Hz-
Response	18KHz	20KHz	20KHz	20KHz	20KHz	8KHz	8KHz	8KHz	8KHz
Material	Metal	Metal	ABS			ABS	ABS		
				ABS	ABS	(Mic	(Mic	ABS	ABS
				(IP55)	(IP55)	IP66)	IP66)	(IP67)	(IP67)
						(IP67)	(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 <a href="www.tonmind.com">www.tonmind.com</a> to download IPTool for configuration. (Download routine: Support>Download Center>Software).

- (2) Scan Local area network devices.
- (3) Start your setting.

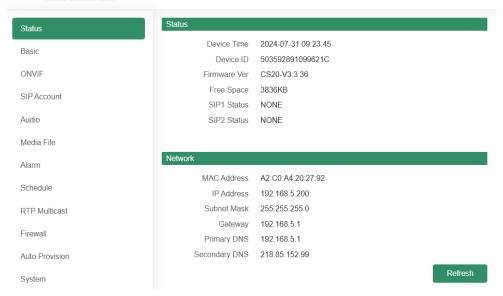
#### **Option 2: Complete Web Setting**

- (1) Change the IP of computer to 192.168.5.X network segment.
- (2) Open a browser and type in <a href="http://192.168.5.200">http://192.168.5.200</a>
- (3) Enter the user name and password in Login page.

Default user: admin password: tm1234

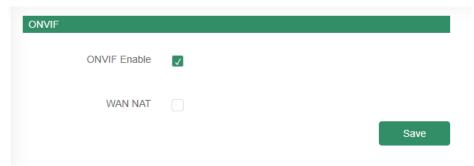
(4) Start your setting.

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## **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.



(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)