

Tonmind Explosion Proof Horn Speaker SIP-S23T

1. Compatible with VoIP and SIP devices (IP PBX, IP Phone) via standard SIP protocol
2. Compatible with IP Camera VMS/NVR systems via ONVIF for audio integration
3. Built-in 30W amplifier with high SPL for clear and powerful sound output
4. PoE power supply, simplifying installation with a single network cable
5. Supports pre-recorded message playback for announcements and alarms
6. Supports RTP multicast as an alternative to SIP backend systems
7. Explosion-proof, IP65-rated aluminum housing, suitable for harsh industrial environments



Specification:

Audio

Decoding	OPUS 48KHz, MP3 44.1KHz, G.722-ADPCM 16KHz, G.711-PCMU 8KHz, G.711-PCMA 8KHz, G726 8KHz, GSM 8KHz, LPCM-16bit-Stereo/Mono 44.1kHz
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Speaker

Max SPL	112 dB
Frequency Response	300Hz – 5kHz
Frequency Range	200Hz – 5kHz
Harmonic Distortion	≤5% (1kHz)
Signal to Noise Ratio	80 dB

Network

Security	Password protection, IP address filtering, Digest authentication, User access log, Firewall
Network Protocol	SIP, ONVIF, HTTP, HTTPS, IPv4, TLS, RTSP, RTP, RTCP, DHCP, DNS, NTP, TCP, UDP, IGMP, ICMP, ARP
Network Interface	10/100 Base-TX, RJ45

Supports the SIP protocol for integration with VoIP systems and SIP/PBX platforms.

SIP Features

Supports secondary/backend SIP server, IPv4 (IPv6 in development).

Supports codecs: OPUS, G722, G711U, G711A.

SIP DTMF (RFC 2976, RFC 2833/RFC 4733)

Amplifier

Amplifier Description	Built-in 30W Amplifier
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General

Material	Die-cast aluminum housing (IP65), Metal steel mounting bracket
Explosion-proof Marking	Ex db IIC T6 Gb
Rate Power	30W
Power Supply	PoE
Network Cable	Cat5, 1m
Atmospheric Pressure	80 kPa – 110 kPa
Operating Temperature	-20°C to +50°C
Operating Humidity	≤ 95%
Installation	Wall Mounted
Dimensions	180 × 240 mm
Net Weight	1.6 kg
Languages	English
Warranty	2 years
Package Includes	Explosion Proof Horn Speaker Quick Guide