SIP · MULTICAST · PAGA

TCM-H15SIP/P

15W Network Horn Speaker

SIP and multicast paging horn with a built-in 20 W Class D amplifier.

15W | SIP · Multicast | PoE++ 802.3bt | Outdoor Weatherproof



15 W Rated power | **120 dB** Max. SPL | **SIP** VoIP paging | **Multicast** Call station | **20 W** Class D amp | **PoE++** 802.3bt, 12–24 VDC | **Outdoor** Weatherproof

DESCRIPTION

The **TCM-H15SIP/P** is a 15 W active network horn speaker for public address and general alarm (PAGA) systems. An industrial dual-core ARM + DSP chip handles SIP, RTP and multicast audio, and a built-in 20 W Class D amplifier drives the horn up to 120 dB. It works with the PAGA Paging Manager software, takes multicast calls direct from a paging call station and plays pre-recorded MP3 alarms. The weatherproof ABS horn with adjustable steel bracket runs on PoE++ or 12–24 V DC.

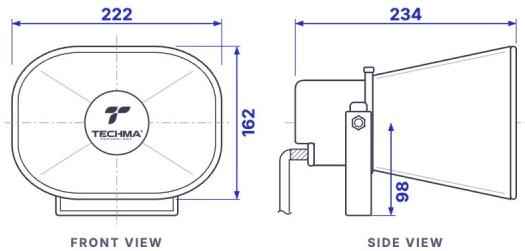
FEATURE

- SIP paging and multicast audio broadcasting
- Direct multicast paging from call station
- Built-in 20 W industrial-grade Class D amplifier
- 15 W horn driver, SPL up to 120 dB
- Dual-core ARM + DSP industrial processor
- G.711a/u, G.722, G.729 audio codecs
- MP3, WMA, WAV decoding, 64–320 kbps
- Pre-recorded MP3 alarm triggered by software
- Easy remote configuration, operation and monitoring
- PoE++ (IEEE 802.3bt) or 12–24 V DC power
- Weatherproof ABS horn, adjustable steel bracket

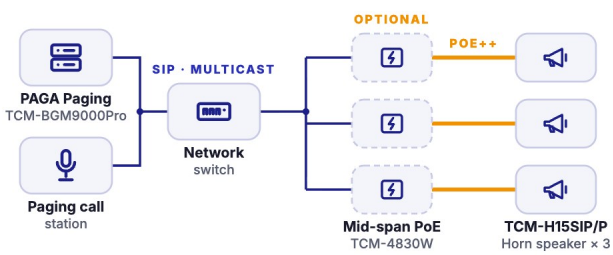
TECHNICAL SPECIFICATION

MODEL	TCM-H15SIP/P		
Model	TCM-H15SIP/P	**Speaker Type**	Active network IP horn speaker
Rated Power	15 W	**Amplifier**	Built-in 20 W Class D, industrial grade
Max. SPL	120 dB	**Frequency Response**	300 Hz – 17 kHz
Processor	Dual-core ARM + DSP, industrial grade	**Network**	100BASE-TX, MDI/MDI-X, RJ-45
Protocols	TCP/IP, UDP, Multicast, SIP, RTP, IGMP		
Audio Codec	G.711a, G.711u, G.722, G.729	**Decoding Format**	MP3, WMA, WAV and others
Audio Bit Rate	64 – 320 kbps	**Broadcasting Mode**	SIP, multicast, software
Alarm Audio	Pre-recorded MP3 alarm by software	**Management**	PAGA Paging Manager software
Power Source	12–24 V DC 4 A; PoE++ 802.3bt, 30 W	**Protection**	Outdoor weatherproof
Operating Temp.	−30 °C to +65 °C	**Humidity**	≤ 90% RH, non-condensing
Finishing	ABS resin, steel bracket, white	**Weight**	1.1 kg
Dimension	222 × 162 × 234 mm (W × H × D)	**Installation**	U-bracket, 3 × Ø9 mm holes, 50 mm pitch
Optional Parts	Pole bracket TCM-311BR/JS · Mid-span PoE power TCM-4830W		

DIMENSION (mm)



SYSTEM CONNECTION



APPLICATION

Oil & gas | Chemical plant | Sea port | Airport | Tunnel | Power plant

© 2026 Techma Technology · Specifications are subject to change without prior notice