HAZARDOUS AREA · IP SPEAKER

TCM-EX15Y/P · TCM-EX30Y/P

Network Explosion-proof Horn Speaker

ATEX Ex d e IIC T6 Gb | IP66 | SIP / Multicast | PoE



ATEX

15W / 30W

15 / 30 W Class D amplifier	**120 / 128 dB** SPL 1w / 1 m	**DSP** Signal processor	**IP66** Indoor / outdoor	**-30~+65°C** Operating temp.	**H 110°** Dispersion

DESCRIPTION

The TCM-EX15Y/P and TCM-EX30Y/P are explosion-proof network horn speakers for hazardous areas where flammable gases such as oil and natural gas may be present. A cast explosion-proof housing with tight sealing and IP66 protection lets them work indoors or outdoors, and both carry ATEX Ex d e IIC T6 Gb certification. Each speaker is active, with a built-in industrial-grade Class D amplifier with DSP Signal Prosessor, and connects straight to the IP network over SIP or multicast for easy remote configuration, operation and monitoring. Typical sites include petroleum, metallurgy, chemical plants, offshore oil, nuclear power, shipbuilding and tunnels.

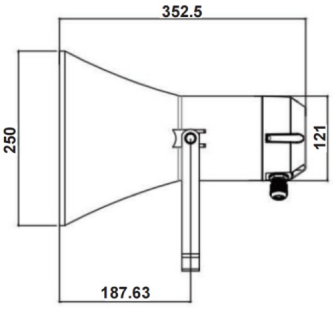
FEATURE

- 100BASE-TX network, RJ45
- TCP/IP, Multicast, SIP, RTP, IGMP
- G.711a/u, G.722, MP3 / WAV / WMA
- Built-in industrial Class D amplifier
- 15W or 30W speaker output
- 12V DC or PoE power
- Indoor or outdoor, IP66
- ATEX Ex d e IIC T6 Gb

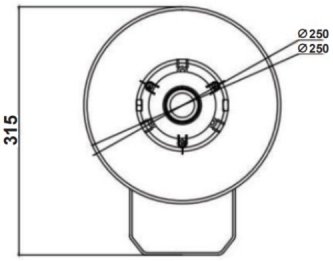
SPECIFICATION

MODEL	TCM-EX15Y/P	TCM-EX30Y/P
Amplifier Rated Output	15 W, Class D	30 W, Class D
Network	100BASE-TX, Auto MDI/MDI-X, RJ45 connector	
Network Protocol	TCP/IP, UDP, Multicast, SIP, RTP, ARP, ICMP, IGMP	
Audio Codec	G.711u, G.711a, G.722, G.729	
Audio Decoding Format	MP3, WMA, WAV	
Audio Bit Rate	8 – 320 kbps	
Frequency Response	100 Hz – 15 kHz	90 Hz – 20 kHz
Sound Pressure Level (max)	120dB (1w/1 m)	128dB (1w/1 m)
Power Source	12V DC / PoE 30W	12V DC / PoE 60W
Broadcasting Mode	Multicast & SIP broadcasting	
Dispersion Angle	H: 110°	
Dust / Water Protection	IP66	
Operating Temperature	-30°C to +65°C	
Operating Humidity	≤ 90% RH (non-condensing)	
Ex Certificate	ATEX Ex d e IIC T6 Gb	
Material	ABS, antistatic polyamide, stainless steel bracket	
Finish Color	Black (red optional)	
Dimension	Ø250 × 352.5 mm	Ø250 × 352.5 mm
Weight	3.7 kg	4 kg
Option	Bracket, PoE 30W injector	Bracket, PoE 60W injector

DIMENSION



SIDE VIEW



FRONT VIEW · UNIT: MM

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