SIP · MULTICAST · TKDN

TCM-H30SIP/P

TKDN certified P3DN

30W Network Outdoor Horn Speaker

SIP and multicast paging horn with a 30 W Class D amplifier, IP66 rated.

30W | **SIP · Multicast** | **PoE++ 802.3bt** | **IP66 Weatherproof**



30 W Class D amp | **128 dB** Max. SPL | **SIP** VoIP paging | **Multicast** Call station | **HTTP API** Integration | **PoE++** 802.3bt, 60 W | **IP66** Weatherproof

DESCRIPTION

The **TCM-H30SIP/P** is a 30 W active network horn speaker with an industrial-grade dual-core (ARM + DSP) processor and a built-in 30 W Class D amplifier that reaches up to 128 dB. Its robust Aluminium housing is IP66 rated against shock, dust and weather, ideal for extreme sites, vehicles, boats and exposed outdoor installation. It works with the PAGA Paging Manager software, takes direct paging from multicast call stations and can be configured, operated and monitored remotely. TKDN certified for local-content procurement.

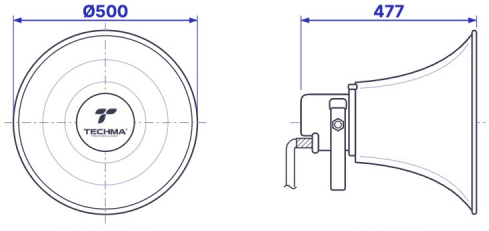
FEATURE

- Network 100BASE-TX, RJ-45 for digital audio and data
- Protocols: TCP/IP, Multicast, SIP, RTP, IGMP
- Codecs G.711a/u, G.722, G.729; plays MP3, WAV, WMA
- Built-in industrial-grade 30 W Class D amplifier
- High output: SPL up to 128 dB
- 12–24 VDC 4 A or PoE++ 60 W (IEEE 802.3bt)
- Built-in 12 Mb internal audio storage
- HTTP URL API integration, dry contact alarm input
- Easy remote configuration, operation and monitoring
- IP66 weatherproof and dust-tight housing
- Indoor/outdoor installation, adjustable bracket

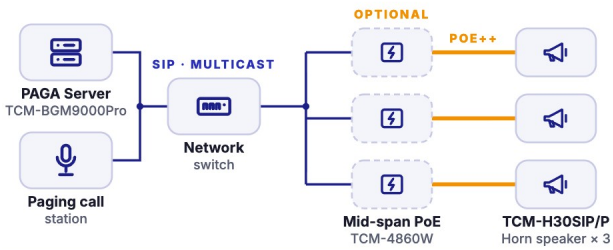
TECHNICAL SPECIFICATION

MODEL	TCM-H30SIP/P		
Model	TCM-H30SIP/P	**Certification**	TKDN certified (local content)
Rated Power	30 W	**Amplifier**	Built-in 30 W Class D, industrial grade
Max. SPL (1w/1m)	128 dB (PoE++ 60 W powered)	**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	**Storage**	Built-in 12 Mb audio storage
Management	PAGA Paging Manager software	**Broadcasting Mode**	SIP, multicast, software
Alarm / API	MP3 alarm by software; HTTP URL API trigger from CCTV, alarm and access control; dry contact input		
Power Source	12–24 V DC 4 A; PoE++ 802.3bt, 60 W	**Protection**	IP66 weatherproof, dust-tight
Operating Temp.	−30 °C to +65 °C	**Humidity**	≤ 90% RH, non-condensing
Finishing	Aluminium housing, steel bracket, white	**Weight**	3.9 kg
Dimension	Ø 500 × 477 mm (Ø × D)	**Installation**	Indoor or outdoor, adjustable bracket
Optional Parts	Pole bracket TCM-311BR/JS · Mid-span PoE power TCM-4860W		

DIMENSION (mm)



SYSTEM CONNECTION



APPLICATION

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

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