

Product archive

Short Catalog Sheet METEL EU

TWA-MIC

- Omnidirectional electret microphone
- Suitable for outdoor applications
- Sensitivity -54dB
- Impedance 680Ω
- Audio transmission via twist
- TWA-ATX-PoE-BOX
- Audio amplifiers for connecting TWA-MIC-ECT to LINE-IN
- Support for power from PoE



Electret microphones are mainly used as accessories for IP cameras. Because the audio inputs of IP cameras can vary significantly in design, we offer versions with MONO or STEREO 3.5mm jacks for direct connection to the microphone inputs and with TWA-ATX preamplifiers for IP cameras with line

Available models

Order name	Order code
TWA-ATX-PoE-BOX	3-100-725

Technical parameters

TWA-ATX-POE-BOX

Power	compatibility with MIDSPAN PoE (IEEE802.3af/at) or 48VDC: pins 4,5 / 7,8
Fast ethernet	2x ports 10/100 BASE-T
Microphone input	compatible with s TWA-MIC-ECT-M
LINE-OUT	compatible with LINE-IN IP cameras (symmetrical / asymmetrical)
ALC and noise reduction	Yes
Bandwidth	200 - 20 000 Hz
Power consumption	Max. 0.8 W
Surge protectors	Fine (power input and LINE-OUT)

ENVIRONMENT

Operating temperature	-40...+70 °C
-----------------------	--------------

MECHANICAL

Dimensions - h / w / d (ATX)	52 x 32 x 82 mm
------------------------------	-----------------

Standards and protocols

Standard	Note
----------	------

EMC and safety

Standard	Level	Note
EN 61000-6-2		Immunity - industrial environment
IEEE 1613		Environmental and Testing Requirements Electric Power Substations
EN 50130-4 ed. 2		Alarm systems - Part 4: Electromagnetic compatibility
EN 55035		EMC of multimedia devices - immunity requirements
EN 55032		EMC of multimedia devices - emission requirements
EN 62368-1		Safety requirements of Information technology equipment
EN IEC 63000		The Assessment Of Electrical And Electronic Products With Respect To The ROHS

Notes

- The manufacturer reserves the right to change technical parameters without prior notice.

Document created on 02/01/2026 09:24PM:57