

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