

DATASHEET

Gigabit PoE Injector, 802.3 af/at/bt 90W



General data

Auto-detection and protection of non-standard PoE devices
IEEE 802.3af/at/bt PoE compliant to simplify deployment and installation
10/100/1000Mbps wire speed transmission and reception
Total PoE power budget: 90W

The POI-5003 is a single port, high-power 90W PoE PSE solution for remote PoE PD devices. Generating up to 90W through 8 pins, POI-5003 supplies remote power for new applications such as wireless access points, pan-tilt-zoom (PTZ) IP cameras, lighting, panel display for digital signage and video-phones. It complies to IEEE 802.3bt PoE standards to deliver 90W on both end-point and midspan pairs with a total power of 90W PoE output. It can work with 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points.

General
Color: Black

Features
10/100/1000Mbps wire speed transmission and reception
Output power 90W,

Miscellaneous

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Injector Port Type Single Port
Data rate Gigabit Ethernet
Grade Commercial

Others

Approvals and Compliance 10/700us 6kV (IEC 61000-4-5)
Operating humidity 0%RH ~ 95%RH
Operating temperature 0°C ~ 40°C
Storage humidity 0%RH ~ 95%RH
Storage temperature 0°C ~ 70°C

scope of delivery

POI-5003
Power cord

Physical Specifications

Dimensions (W x D x H) 179.5x65.3x40
Product weight (kg) 0.75

System specifications

Indicator Power
Link/Act
Fashion A/B
Fixing ceiling mount
Pin assignment and polarity 1/2 (+), 3/6 (-) & 4/5 (+), 7/8 (-)
Standards
IEEE802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt

Technical properties

Ethernet	True
Fast Ethernet	True
Gigabit Ethernet	True
Manufacturer	LevelOne
Mounting method	Desk type
Power over Ethernet (PoE)	802.3 at (PoE+)

Available variants

ArtNr.	Bezeichnung	Unique
POI-5003	Gigabit PoE Injector, 802.3 af/at/bt 90W	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and

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regulatory requirements.

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