DATASHEET

PoE Injector, 15.4W







General data

Eliminates the need for bulky power supplies and power cords
Provides power and data to the device via a single network cable
Integrated power supply
Extended PoE connection for an additional 100 meters
Unique locking mechanism for easy installation

The LevelOne POI-2012 is a PoE injector (PSE) with one Ethernet input port (data only) and one output port (data+power) designed for small to medium-sized networks. This injector converts the 100~240V/AC power supply to low voltage so that PoE compatible devices can be powered via Ethernet cabling. To do this, it uses spare pair technology, which uses the unused wires in Fast Ethernet connections for power supply. By adding a PoE splitter (e.g. POS-1002) to existing non-PoE networks, other network products such as access points and IP cameras can be easily used. This allows administrators a flexible installation because the PoE-PD devices do not have to be placed near a power outlet.

Port configuration
Gigabit RJ45 2
802.3af PoE 1

General
Color: Black

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Miscellaneous
Injector Port Type Single Port
Data rate Fast Ethernet
Grade Commercial

Others
Operating humidity 5% RH ~ 95% RH
Operating temperature 0°C ~ 45°C
scope of delivery
POI-2012
Quick Installation Guide
Power cord

Physical Specifications
Dimensions (W x D x H) 143 x 51 x 38 mm
Product weight (kg) 0.35

System specifications
Data rate 10/100Mbps
Indicator Power, PoE
Fastening wall mount
Pin assignment and polarity 4/5 (+), 7/8 (-)
Output voltage 18W
Standards IEEE 802.3 10Base-T, Ethernet
IEEE 802.3u 100Base-TX, Fast Ethernet

Technical properties	
Fast Ethernet	True
Manufacturer	LevelOne

Available variants

ArtNr.	Bezeichnung	Unique
POI-2012	PoE Injector, 15.4W	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 regulatory requirements.

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