

DATASHEET

Gigabit PoE Injector, 30W



General data

Eliminates the need for bulky power supplies and power cables Provides power and data to the device via a single network cable External power supply up to 100 m Unique locking mechanism for easy installation Protection against voltage fluctuations for increased security Simple plug-and-play installation Compact, lightweight design Total PoE budget : 30W, up to 30W per port 6KV surge protection level on each port

The LevelOne POI-3004 is a Gigabit Power over Ethernet (PoE) injector that not only provides a cost-effective power distribution solution, but also provides a seamless way to deploy Powered Devices (PDs) on top of existing LAN infrastructure. Using power injectors, DC power of up to 30W and the data coming from a non-PoE switch are combined and transmitted via Gigabit Ethernet cabling to a PD, such as a PoE access point. This allows you to expand the use of your existing hardware investments without having to purchase additional PoE switches. In addition, non-PoE devices such as RFID terminals can also be controlled remotely by adding additional PoE splitters as power and data are further split into two cables. These devices can therefore be installed in hard-to-reach areas such as entrances where there are no nearby sockets or electrical wires.

Port configuration

Gigabit RJ45 2

802.3af/at PoE 1

General

Color: Black

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Miscellaneous

Injector Port Type Single Port

Data rate Gigabit Ethernet

Grade Commercial

Others

Operating humidity 5% RH ~ 95% RH

Operating temperature -20°C ~ 60°C

scope of delivery

POI-3004

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 10/100/1000Mbps

Indicator Power, PoE

Fastening wall mount

Pin assignment and polarity 4/5 (+), 7/8 (-)

Output voltage 30W

Standards IEEE 802.3 10Base-T, Ethernet

IEEE 802.3u 100Base-TX, Fast Ethernet

IEEE802.3ab 1000Base-T, Gigabit Ethernet

IEEE 802.3af/at Power over Ethernet (PoE) compliant

Technical properties

Gigabit Ethernet	True
Manufacturer	LevelOne

Available variants

ArtNr.	Bezeichnung	Unique
POI-3004	Gigabit PoE Injector, 30W	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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