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

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

Gigabit PoE Injector, 30W

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.

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION