

Industrial 2-port PoE Injector

PII-2G



- Simple way of incorporating PoE devices into network
 - 2 x 10/100/1000 TX data in ports
 - 2 x 10/100/1000 TX IEEE 802.3af/at PoE ports
 - 30 W power per PoE port
- Protection of valuable connected devices
 - Full IEEE 802.3af/at compliance
- Easy to install and use in industrial applications
 - DIN rail mount
 - Simple plug and play
 - Power input 46-57VDC
- Designed for operation in harsh environments
 - 40 to +70°C operating temperature
 - MTBF: 500 000h (MIL-HDBK-217F)
 - Robust metal housing



EN 61000-6-2
Industrial Immunity

EN 61000-6-4
Industrial Emission

EN 50121-4
Railway Trackside

The PII-2G is an advanced, high-end Power over Ethernet (PoE) injector, combining high performance with industrial robustness. It is suitable for PoE applications such as video surveillance and other applications where end devices are to be supplied with power through the Ethernet cable. The PoE concept is growing quickly thanks to the significant benefits it offers when it comes to installation cost, reliability, compactness, flexibility etc. Using a PoE injector, any project can enjoy these benefits, be it a network upgrade or an initial installation. The PII-2G features dual injection ports with gigabit capability. It is compliant with both IEEE 802.3af (max 15.4 W) and 802.3at (max 30 W) so that also high-power devices such as PTZ cameras and wireless access points can be handled. The gigabit capability enables connection also to high bandwidth end devices, such as access points.

As opposed to many power supplies delivered with PDs (Powered Devices), the full compliance with IEEE 802.3af/at ensures protection for over current/short circuit and over/under voltage, thus protecting PDs from damage.

The unit can easily be clipped onto a standard DIN rail alongside other industrial equipment in a cabinet. No configuration of the device is needed. All that is required is a suitable power supply to make PoE functionality available on the network.

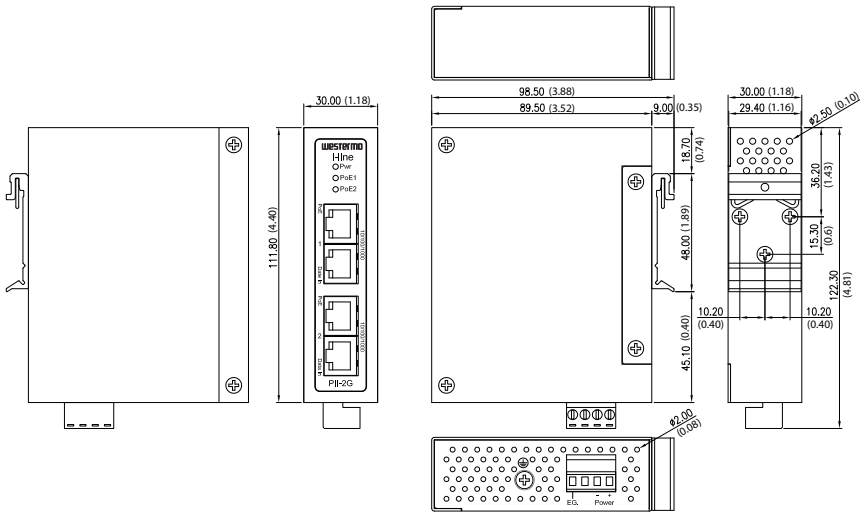
The robust design, with no moving parts, a wide temperature range, robust housing and industrial electrical design, makes the PII-2G suitable for environments such as industrial automation, machine building, building automation etc.

Ordering Information

Art.no	Description
3626-0300	PII-2G, industrial 2-port PoE injector

Specifications PII-2G

Dimensional drawing



Dimension W x H x D 30 mm x 112 mm x 90 mm

Weight 0.3 kg

Degree of protection IP30

Power

Operating voltage 46 to 57 VDC, max. 0.8 A (802.3af)
50 to 57 VDC, max. 1.3 A (802.3at)

Power consumption 2 W plus PoE loading

Interfaces

PoE Ethernet TX 2 x RJ-45, 10/100/1000 Mbit/s

Gigabit Ethernet TX 2 x RJ-45, 10/100/1000 Mbit/s (Data in)

PoE powering mode Alternative A (power over data pair)

Maximum distance 100 m between switch and PD

Temperature

Operating -40 to +70°C (-40 to +158°F)

Storage & Transport -40 to +80°C (-40 to +176°F)

Agency approvals and standards compliance

EMC	EN 55032, Electromagnetic compatibility of multimedia equipment - Emission requirements
	EN 55035, Electromagnetic compatibility of multimedia equipment - Immunity requirements
	EN 50121-4, Railway signalling and telecommunications apparatus.
	EN 61000-6-2, Immunity industrial environments
	EN 61000-6-4, Emission industrial environments