

POE Injector – 30 W indoor – 48V DC Input

This PoE injector is a single port, high power solution for remote powering of current and merging high power applications.

Two LEDs have diagnostic functions. One “POWER” is for Input Power (green), the other “ACTIVE” is for Output Power (green up to 15W and blue above).

This PoE injector provides 55Vdc, 0.55A with input voltage of 36-72Vdc. It operates under -40° C to 65°C.

This indoor PoE injector must be connected to an industrial electrical installation including lighting protections.

Front View



Rear view





Specifications	
Ethernet data rates	10/100/1000Base-T
Number of ports	1
PoE compatibility	IEEE 802.3af/at
PoE Output Power	30 Watts over 4 pairs
PoE Output Voltage	55 VDC
PoE Pin Assignment and Polarity	Data Pairs 1/2 (-) and 3/6 (+) Spare Pairs 7/8 (-) and 4/5 (+)
Input Power Requirements	DC Input Voltage: 36-72VDC DC Input Current: 2.5A
Dimensions	85 mm (W) x 41 mm (H) x 193 mm (L)
Weight	435g
Connectors	Shielded RJ-45, EIA 568A and 568B
Indicator	Green LED 1: Input power “ON” Green LED 2: Load indicator up to 15W Blue LED 2 : load indicator above 15W
Operating Ambient Temperature	-40°C to +65°C
Operating Humidity	Maximum 80%, Non-condensing
Storage Temperature	-40°C to +85°C
Storage Humidity	Maximum 90%, Non-condensing
Regulatory compliance	RoHS CE
EMI	FCC CFR47 Part 15 EN 55032, EN 55035
EMC	- IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air) - IEC61000-4-3(RS) 10V/m(80MHz~2GHz) - IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV - IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM - IEC61000-4-6(CS) 10V(150kHz~80MHz)
Immunity	IEC60068-2-6(Vibration) IEC60068-2-27(Impact) IEC60068-2-32(Free Fall)

Document Version: 0.1
Updated: June the 21st 2021

- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.

Kerlink's Products compatibility

	<p>Wirnet iStation</p>	<p>✓</p>
	<p>Wirnet IBTS Compact</p>	<p>✓</p>

Mechanical characteristics

