

## Indoor DC/DC Midspan Power over Ethernet (PoE) injector 30W

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

Three LEDs have diagnostic functions. One RJ45 port is for Ethernet input, the other is for Ethernet output + Power.

Output power of 30W is guaranteed. Beware of the operating ambient temperature. Output power derating over +50°C is critical and has to be carefully considered to insure proper supply of the Wirnet iBTS.

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 802.3at
PoE Output Power	30 Watts over 4 pairs
PoE Output Voltage	55 VDC 54-57 VDC under all conditions
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: 0.6A
Dimensions	65 mm (W) x 36 mm (H) x 140 mm (L)
Weight	200g
Connectors	Shielded RJ-45, EIA 568A and 568B
Indicator	Green LED 1: Input power "ON" Green LED 2: Valid IEEE8-2.3at load detected and connected "PoE PLUS" Green LED 3: Valid IEEE802.3af load detected and connected
Operating Ambient Temperature	-20°C to +50°C
Operating Humidity	Maximum 90%, Non-condensing
Storage Temperature	-25°C to +85°C
Storage Humidity	Maximum 95%, Non-condensing
Regulatory compliance	RoHS WEEE CE
Electromagnetic Emission	FCC Part 15, Class B EN 55022 Class B (Emissions)
Immunity	ESD: EN61000-4-2. Level 3 RS: EN61000-4-3. Level 3 EFT: EN61000-4-4. Level 2 Surge: EN61000-4-5. Level 3 CS: EN61000-4-6. Level 3

Manufacturer name: Phi Hong  
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- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.