



Industrial 2-Port Gigabit PoE+ 30W Injector

Features

- ▶ Wide DC power input: 12~48VDC via terminal block
- ▶ 2 RJ45 data input ports + 2 RJ45 PoE output ports (Data + Power integrated)
- ▶ Fully compliant with IEEE 802.3at PoE+ PSE standard
- ▶ Single port max PoE output: 30W; Total PoE power budget $\leq 60W$
- ▶ Auto-sensing 10/100/1000Base-TX Gigabit Ethernet
- ▶ Dual installation support: DIN-Rail mount & wall mount
- ▶ Multi-color LED indicators for power & PoE running diagnostics
- ▶ Industrial hardened wide temperature range: $-40^{\circ}C \sim 80^{\circ}C$ ($-40^{\circ}F \sim 176^{\circ}F$)



Product Description

This industrial hardened 2-port Gigabit PoE+ injector supports wide 12 - 48VDC DC input, equipped with 2 data input RJ45 ports and 2 PoE output ports. Compliant with IEEE802.3af/at PoE standard, single port max output power reaches 30W, total PoE power $\leq 60W$.

It transmits data and power simultaneously up to 100m via Cat5 or above cables, compatible with IP cameras, wireless APs and IP phones.

Featuring aluminum housing, DIN-rail & wall dual mounting, wide operating temperature of $-40^{\circ}C \sim 80^{\circ}C$, complete surge & ESD protection, with LED indicators for power and PoE status monitoring.



SHENZHEN WEIXIANG AN TECHNOLOGY CO., LTD

Product Specification

Ethernet	Standards	IEEE 802.3af, IEEE 802.3at, IEEE 802.3ab
	Forwarding Performance	Full/Half-duplex auto-negotiation; 1,488,000pps @ 1000Mbps
	Cabling & Distance	Cat5 or above UTP cable; Max 100m transmission distance
	Interfaces	4×RJ45 (2 Data Input Ports + 2 PoE Output Ports)
Electrical and Mechanical	Input Voltage	12~48VDC (Terminal Block)
	Max Power Consumption	70W
PoE	Standards	IEEE 802.3af / IEEE 802.3at (PoE+)
	Power Delivery/Pin Assignment	Alternative B Mode, Pin 4/5(+), Pin 7/8(-)
	Max Power per Port	30W Max
	Total PoE Power Budget	≤ 60W
Environmental	Operating Temperature	-40°C~80°C (-40°F~176°F)
	Storage Temperature	-40°C~85°C (-40°F~185°F)
	Relative Humidity	5%~95% (non-condensing)
	MTBF	>200,000hrs
Protection	Casing & Material	Aluminum Industrial Case
	Surge/ESD Protection	RJ45: 1KV surge; Power terminal: 500W surge; ESD: 4KV contact / 8KV air discharge
Physical	Dimensions (W×D×H)	95×70×30mm
	Weight	0.26Kg
	Mounting Options	Pre-installed DIN-Rail bracket; Wall-mount bracket included
Indicators	LED Functions	PWR: System Power Status; PoE: Port PoE Power Supply Status
Regulatory Approvals	Compliance Certifications	FCC,CE,RoHS