

MPN: ELECTRA-POE-1GB-60W

60W Gigabit POE Injector

Supports one 1000Mbps PoE power supply port and one 1000Mbps RJ45 port.

Compatible with IEEE802.3af (15.4W), IEEE802.3at (30W), and IEEE802.3bt (60W) standards.

Supports an AC 100-240V power supply.

Features a metal casing, IP20 protection level, and an operating temperature range of -20 to 50°C.

Supports port surge protection: differential mode 2KV, common mode 6KV; Electronic ESD: contact discharge 6KV, air discharge 8KV.

Ernitec's PoE injectors strictly follow IEEE 802.3 standards, ensuring reliable power delivery. PSE (Power Sourcing Equipment) provides power, while PD (Powered Devices) receive it. Voltage drop over long cables can reduce available wattage, and affect high-powered devices. For such devices, Ernitec recommends a maximum cable length of 1 meter and using pure copper CAT6 cables for optimal performance.

- 1 Gigabit Ethernet
- Complies with IEEE802.3af/at/bt standards, up to 60 W
- Support AC 100-240 V voltage input
- Dimensions (WxDxH) 187x95x40 mm
- operating temperature -20 to 50°C
- IP20
- 5 year warranty



Specifications

Features	Housing material	Metal
	International Protection (IP) code	IP20
	LED indicators	Power
	Number of fans	0 fan(s)
	Plug and Play	Yes
	Product colour	Black
	RoHS compliance	Yes
	Surge protection	Yes
Legal Information	ADR Information	No restrictions
	Country of Origin	China
	EU ECCN Code	N/A
	Tariff No.	8517620000
	US ECCN Code	5A991
Network	Networking standards	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
	Power over Ethernet (PoE)	Yes
	Supported network protocols	IEEE802.3 (10Base-T)

Operational conditions	Operating temperature (T-T)	-20-50 °C
	Storage temperature (T-T)	-40-85 °C
Package dimensions	Depth (package,cm)	19 cm
	Gross Weight (Package, kg)	0.712 kg
	Height (package,cm)	6 cm
	Width (package,cm)	24.5 cm
Packaging content	Number of products included	1 pc(s)
	Power cord included	Yes
	Quick installation guide	Yes
Ports & interfaces	RJ-45 input ports	1
	RJ-45 output ports	1
Power	AC adapter input voltage	100-240 V
	Power over Ethernet (PoE) power per port	60 W
	Total Power over Ethernet (PoE) budget	60 W
Product dimensions	Net Weight (Product, kg)	0.486 kg
	Product Depth	9.5 cm
	Product Height	4 cm
	Product Width	18.7 cm
Technical details	Compliance certificates	RoHS, CE, Federal Communications Commission (FCC)
Vendor information	Brand Name	Ernitec
	Warranty	5 Year(s)
Weight & dimensions	Dimensions (WxDxH)	187x95x40 mm