POE304-MS

Gigabit Power over Ethernet Injector (POE-bt)

Overview

The IFS® PoE-bt Ethernet Injector provides a quick and easy solution to PoE-bt power (60w) on Ethernet cable. Utilizing the Category Network cable, the injector remotely powers up to 60 watts up to 100 meters.

The IFS PoE-Ultra Solution facilitates easier network planning by eliminating restrictions of edge device placement near AC power outlets and reducing the need for AC wiring and installation costs.

Details

- Plug-and-play design
- POE-bt (60 W)
- Supports 10/100/1000-TX Ethernet
- Auto-detect of PoE IEEE 802.3af, 802.3at and 802.3bt
- Current overload detect
- PoE Ready/In-use LED indicator
- Can deploy data and PoE on a single Category cable up to 100m (328 ft.) to a PoE powered (PD) edge device

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Technical Specifications

General

Category	PoE Accessory
Port speed	Gigabit

Physical

Physical dimensions	95 x 70 x 26 mm
Net weight	237 g

Environmental

Operating temperature	0 to +50°C
Operating Temperature	0°C~50°C
Storage Temperature	-10°C~70°C
Relative Humidity	5%-90% (non-condensing)

Electrical

Power consumption	65 W

Ethernet

Data Rate	10/100/1000Mbps
Throughput (packet per second)	148810pps@64Bytes
IEEE Standards	IEEE 802.3 10Base T / IEEE 802.3u 1000Base-TX / IEEE 802.3ab 1000Base-T / IEEE 802.3at PoE+
EIA/TIA-568 Standards	
10 Base-T 2 pair UTP Cat 3,4,5 to 328ft (100m)	
100 Base-TX 2 Pair UTP Cat 3,4,5,5e to 328Ft (100m)	
1000 Base-T 2 Pair UTP Cat 5,5e,6 to 328ft (100m)	
EIA/TIA-568 100ohm STP (100m)	

Power Over Ethernet (PoE)

PoE Standard	IEEE 802.3af, at and POE-bt
PoE Output Voltage	54 VDC

Connectors & Indicators
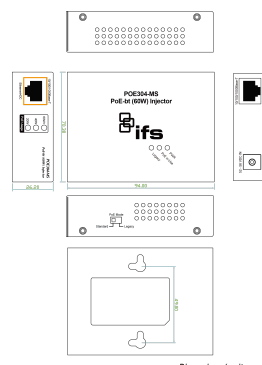
Ethernet + DC Out	1 x RJ-45 connector (10/100/1000Base-TX with IEEE 802.3at PoE PSE for data + DC out)
Ethernet Data In	1 x RJ-45 connector (10/100/1000Base TX for data in)
DC Input	5.5 x 2.5 mm DC receptacle
LED Indicator	PWR (Green), POE-at (Mid-span/End Span - 2 x Green)

Electrical & Mechanical

Input Power	1 x DC Jack - 56VDC @ 60 W
PoE Output Power	54VDC, 60 W max.
Maximum Powered Devices	1
Enclosure	Metal
Dimensions (W x D x H)	95 x 70 x 26mm
Weight	237g

Accessories

PS54VDC72W-US	56VDC 72W Power Supply
PS54VDC72W-UK	56VDC 72W Power Supply
PS54VDC72W-EU	56VDC 72W Power Supply

Dimensions (unit = mm)

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