

DATACOM



POE INJECTOR

30W GIGABIT POE INJECTOR (IEEE 802.3AF/AT)

DATASHEET


June/2026 - rev00

FEATURES

Item	Functionality
PoE support	IEEE802.3at/af
Interfaces	1x 10/100/1000 Base-T Interface for Data (Input) 1x 10/100/1000 Base-T Interface for Data and PoE (Output)
PoE Assignment	Mode A: 1/2,3/6
PoE capability	<ul style="list-style-type: none"> - Maximum output: 30W per port - Compatible with the IEEE802.3af/at standard, following IEEE802.3af/at to support PoE or PoE+. - Automatically detects a PD (Powered Device) and immediately supplies power to it. - Automatically disables the port if the current exceeds 700mA or a short circuit occurs. - The maximum power delivered to powered devices is defined by the corresponding PD classification. - Follows the PSE pinout standard of Alternative A (MDI-X), which sends power through pins 1, 2, 3, and 6 of the 8 wires of the CAT5 UTP Ethernet cable.
LEDs	<p>AC: Green LED</p> <ul style="list-style-type: none"> • Off: Power off or fault • On: Power On <p>PoE LED:</p> <ul style="list-style-type: none"> • Off: PoE power output off • Green on: PoE power output on
Dimensions	111 mm (Length) x 57 mm (Width) x 33 mm (Height)
Case	Plastic
Power Cable	Includes a 2P + T power cable
Temperature	Operation: 0 to +40°C Storage: -40 to +70°C
Humidity	Operating: 10% to 90% (non-condensing) Storage: 5% to 90% (non-condensing)
Security	EN62368-1:2014
EMC	FCC Part 15, Subpart B: ANSI C63.4-2014 CE EN55032:2010+AC:2011 EN55024: 2010+A1:2015



ORDERING INFORMATION

Model	Description	Photo
POE Injector in 100~240VAC, out 50VDC, supports 10/100/1000 Mbps Base-T 820.4500.xx	PoE injector with 100~240VAC input and 50VDC output, compatible with 10/100/1000 Mbps Base-T networks, following IEEE 802.3af/at standards for PoE and PoE+, offering up to 30W per port to power devices such as IP cameras, access points, and VoIP phones.	

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