Verkada INJ-POE-PLUS PoE injector

Verkada's INJ-POE-PLUS is a device that takes in a power cable and an Ethernet cable and converts them into a single PoE+ port that is compliant with the IEEE 802.3at standard and type 2. It can provide up to 30W of power and is designed to be used with Verkada security cameras, access control systems, and air quality sensors. It is backwards compatible and can be used with other Verkada devices that have IEEE 802.3af/at terminals. The device comes with a US power cord for customers in the US and a UK power cord for European customers and can be mounted on a wall.

Key features

- IEEE 802.3at Type 2 compliant
- IEEE 802.3af backward compatible
- Output power of 30W is guaranteed
- Supports 10/100/1000 Base-T applications
- Compatible with IEEE 802.3af devices
- Safe: low power devices receive only the power they need
- Automatic detection and protection of non-standard Ethernet terminals
- Compact design fits easily in WLAN access point and IP cameras installations

Tech Specs

Feature	Description	
Data Rates	10/100/1000 Mbps	
Power over Ethernet Output	Data Pairs: 1/2 (–), 3/6 (+); Spare Pairs: 7/8 (–), 4/5 (+); Output Voltage: 55V nominal	
Input Power Requirements	AC Input Voltage: 100 to 240V; AC Input Current: 0.67A; AC Frequency: 50/60Hz	
Dimensions	L x W x H: 160.5mm x 51.8mm x 34.8mm / 6.31in x 2.04in x 1.37in	
Weight	.44 lbs / 200g / 7.05oz	
Indicators	System Indicator: Channel Power - Green	
Connectors	Shielded RJ-45, EIA 568A and 568B	
Operating Ambient Temperature	-4°F to 104°F / -20 °C to 40°C @ 30W -4°F to 131°F / -20 °C to 55°C @ 22.5W	
Environmental Conditions Reliability	Operating Humidity: Maximum 90%, non-condensing Storage Temperature: -4° to 158°F / -20° to 70°C Storage Humidity: Maximum 95%, non-condensing	Operating Altitude: -1000 to 10,000ft / -304.8 to 3048m MTBF: 100,000 hrs @ 25°C
Thermal Rating	20 BTU / Hr (@240VAC)	
Regulatory Compliance	IEEE 802.3af (PoE), RoHS Compliant, WEEE Compliant, CE	
Electromagnetic Emission & Immunity	FCC Part 15, Class B ; EN 55032 Class B (Emissions); EN 55024 (Immunity); VCCI	
Safety	UL/EN/IEC 60950-1 (Ed.2)	