Verkada INJ-POE-PLUS POE injector

Verkada's INJ-POE-PLUS is a single port, high-power solution for remote powering of PoE enabled hardware, including Verkada security cameras, access control, and environmental sensors. Generating up to 30W, the INJ-POE-PLUS enables remote power for a new range of applications including 802.11n Access Points and pan-tilt-zoom (PTZ) cameras. It complies to IEEE 802.3at PoE standard and is backward compatible to IEEE802.3af. It can power both existing 10/100Base-T network devices and emerging wireless 1000Base-T devices such as WiMAX and wireless IEEE 802.11n access points.

Features of the Verkada INJ-POE-PLUS

- IEEE 802.3at compliant with 2-event classification
- IEEE 802.3af backward compatible
- Output power of 30W is guaranteed
- Supports 10/100/1000Base-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

Specifications

Feature	Description
Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Spare Pairs 7/8 (-) and 4/5 (+) Output Power Voltage: 55 VDC User Port Power: 30W (Guaranteed)
Input Power Requirements	AC Input Voltage: 100 to 240Vac (±10%) ; AC Input Current: 0.67A @ 100-240Vac; AC Frequency: 50 to 60Hz
Dimensions	51.8mm (W) x 34.8mm (H) x 160.5mm (L) ±0.5mm / 2.04 in. x 1.37 in. x 6.31 in ±0.02 in
Weight	.44 lbs (200g)
Indicators	User Indicator: Channel Power (Green)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: Conditions -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 10,000 ft. (-304.8 to 3048 m) 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)