

SNCA-HPOE1



The SNCA-HPOE1 is a single port, high-power solution for remote powering of current and emerging high power applications. Generating up to 30W, the SNCA-HPOE1 enables remote power for a new range of applications including 802.11n Access Points, pan-tilt-zoom (PTZ) cameras and video-phones. 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.

SNCA-HPOE1 Features

- 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 and pre standard 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

SNCA-HPOE1 Specifications

No. of Ports: 1

Pass Through Data Rates: 10/100/1000 Mbps

Power over Ethernet Output:

- Pin Assignment and Polarity: 4/5 (+), 7/8 (-)
- Output Power Voltage: 55Vdc
- User Port Power: 30Watts (Guaranteed)

Input Power Requirements:

- AC Input Voltage: 100 to 240 Vac
- AC Input Current: 0.8A @100-240Vac
- AC Frequency: 50 to 60 Hz

Dimensions:

- 53 mm (W) x 32.5 mm (H) x 140 mm (L)
- 2.09 in. x 1.28 in. x 5.5 in

Weight: 0.44 lbs (200g)

Indicators:

- AC Power (Yellow)
- Channel Power (Green)

Connectors: Shielded RJ-45, EIA 568A and 568B

Environmental Conditions:

- Operating Ambient Temperature:
 - 4° to 104°F (-20 to 40°C) @ 30W
 - 4° to 131°F (-20 to 55°C) @ 22.5W
- Operating Humidity: Maximum 90%, Non-condensing
- Storage Temperature: -4° to 158°F (-20° to 70°C)
- Storage Humidity: Maximum 95%, Non-condensing

Reliability: MTBF: 100,000 hrs. @25°C

Thermal Rating: 20 BTU/Hr (@240VAC)

Warranty: 1-year

Regulatory Compliance:

- IEEE 802.3at (PoE,) RoHS Compliant, WEEE Compliant, CE

Electromagnetic Emission & Immunity:

- FCC Part 15, Class B
- EN 55022 Class B (Emissions)
- EN 55024 (Immunity), VCCI

Safety Approvals:

- UL/cUL Per IEC 60950-1
- GS Mark Per IEC 60950-1

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