

SNCA-HPOE1

Single port, high-power Gigabit PoE midspan



Overview

Single port midspan provides up to 30W for remote operation of power-over-Ethernet (PoE) devices.

The SNCA-HPOE1 is a single-port midspan solution that provides remote Power over Ethernet (PoE) for a wide range of current and emerging high-power applications. It can reliably deliver up to 30W of power over CAT5 cabling for devices including 802.11n wireless access points, pan-tilt-zoom (PTZ) networked video security cameras and videophones.

The SNCA-HPOE1 is standards compliant with IEEE 802.3at PoE, and is also backward-compatible with IEEE802.3af. It can provide power for 10/100Base-T network devices, as well as emerging Gigabit (1000Base-T) devices.

Plug-and-play operation simplifies installation in hard-to-reach places. Weighing just 200g, the compact and reliable unit integrates easily in space-limited situations, including WLAN access points and IP camera installations.

Features

Dependable 30W output power

Provides adequate remote power for a wide range of legacy and new-generation applications including 802.11n access points, pan-tilt-zoom (PTZ) cameras and videophones.

Standards compatible

Compliant with IEEE 802.3at PoE standards; also backwards-compatible with IEEE802.3af devices as well as pre-standard devices.

Compact design

Allows easy integration in WLAN Access Point and wide range of IP camera installations.

Safe operation

Low power devices only receive the power they need.

Regulatory compliance

Fully compliant with WEEE, RoHS and CE.

Specifications

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)
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

Gallery

