

SNCA-POE12

Compact 12-port Power over Ethernet (PoE) midspan power supply for fixed and minidome cameras



Overview

Safe and reliable power over existing Ethernet infrastructures

The SNCA-POE12, incorporating MicrosemiPowerDsine technology, offers a cost effective, fully IEEE 802.3af compliant solution to upgrade existing IP infrastructures with Power over Ethernet (PoE). The unit provides a maximum of 15.4 watts of power through each of 12 ports, ensuring safe operation of any IEEE standard IP camera over standard Ethernet cables, leaving network infrastructure completely unaltered.

Plug-and-play installation saves time and cost

With the SNCA-POE12's plug-and-play installation, the 12-port midspan allows you to make cost effective use of existing Ethernet infrastructure while at the same time providing reliability and flexibility for future network upgrades.

Features

- **Safe and reliable power over existing Ethernet infrastructures**

The SNCA-POE12, incorporating MicrosemiPowerDsine technology, offers a cost effective, fully IEEE 802.3af compliant solution to upgrade existing IP infrastructures with Power over Ethernet (PoE). The midspan provides user port power up to 15.4 watts and pass through data rates of 10/100/1000 Mbps.

- **Compact 12-port rack-mountable unit**

The SNCA-POE12 weighs 4 kg (8.8 lbs) and has dimensions of 438 mm x 272 mm x 44 mm (17.3 in. x 10.8 in. x 1.75 in.) or 1U.

- **Plug-and-play installation saves time and cost**

The SNCA-POE12 is designed as a plug-and-play unit, allowing you to easily and cost-effectively take advantage of existing IP infrastructures while providing reliability and flexibility for future network upgrades.

- **Guaranteed uptime**

The SNCA-POE12 is fully IEEE 802.3af (Poe, PoH Type 1) compliant, RoHS compliant and WEEE compliant, with MTBF (Mean Time Between Failures) reliability up to 100,000 hours at 25°C.

Technical Specifications

Specifications	
● No. of Ports	12
● Pass Through Data Rates	10/100/1000 Mbps
● Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 48Vdc User Port Power: 15.4W (Guaranteed) Aggregate Power: up to 400W
● Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 4A @ 110 Vac; 2A @ 240 Vac AC Frequency: 50 to 60 Hz
● Dimensions	438 mm x 272 mm x 44 mm 17.3 in. x 10.8 in. x 1.75 in or 1U
● Weight	8.8 lbs (4 kg)
● Indicators	System Indicator: AC Power (Green) User Indicator: Channel Power (Green)
● Connectors	Shielded RJ-45, EIA 568A and 568B
● Environmental Conditions	Operating Ambient Temperature: 32o to 104oF (0 to 40oC) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4o to 158oF (-20o to 70oC) Storage Humidity: Maximum 95%, Non-condensing Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)
● Reliability	MTBF: 100,000 hrs. @25oC
● Thermal Rating	190 BTU/Hr
● Warranty	1 year
● Regulatory Compliance	IEEE 802.3af (PoE, PoH Type 1) 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 EN 60950 GS Mark Per EN 60950

Compatible Products

Fixed



SNC-CH120
Box-type 720p/30 fps
Camera - E Series



SNC-CH140
Box-type 720p/30 fps
Camera - V Series



SNC-CH160
Outdoor IR Bullet 720p/30
fps Camera - E Series



SNC-CH180
Outdoor IR Bullet 720p/30
fps Camera - V Series



SNC-CH210
Compact 1080p/15 fps
Camera - X Series



SNC-CH220
Box-type 1080p/30 fps
Camera - E Series



SNC-DH220
Minidome 1080p/30 fps
Camera - E Series



SNC-DH220T
Vandal-resistant Minidome
1080p/30 fps Camera - E
Series



SNC-DH240
Minidome 1080p/30 fps
Camera - V Series



SNC-DH240T
Vandal-resistant Minidome
1080p/30 fps Camera - V
Series



SNC-DH260
Outdoor IR Ruggedized
1080p/30 fps Camera - E
Series



SNC-DH280
Outdoor IR Ruggedized
1080p/30 fps Camera - V
Series



SNC-EM520
Minidome SD (SVCA)
Camera - E Series



SNC-CH240

Box-type 1080p/30 fps
Camera - V Series



SNC-CH260

Outdoor IR Bullet 1080p/30
fps Camera - E Series



SNC-CH280

Outdoor IR Bullet 1080p/30
fps Camera - V Series



SNC-EB520

Box-type SVGA Camera - E
Series



SNC-VB600

Box-type 720p/60 fps
Camera Powered by IPELA
ENGINE EX™ - V Series



SNC-VB600B

Box-type 720p/30 fps
Camera Powered by IPELA
ENGINE EX™ - V Series



SNC-VB630

Box-type 1080p/60 fps
Camera Powered by IPELA
ENGINE EX™ - V Series



SNC-EM521

Vandal-resistant Minidome
SD (SVCA) Camera - E Series



SNC-VM600

Minidome 720p/60 fps
Camera Powered by IPELA
ENGINE EX™ - V Series



SNC-VM600B

Minidome 720p/30 fps
Camera Powered by IPELA
ENGINE EX™ - V Series



SNC-VM601

Vandal-resistant Minidome
720p/60 fps Camera
Powered by IPELA ENGINE
EX™ - V Series



SNC-VM601B

Vandal-resistant Minidome
720p/30 fps Camera
Powered by IPELA ENGINE
EX™ - V Series



SNC-VM630

Minidome 1080p/60 fps
Camera Powered by IPELA
ENGINE EX™ - V Series

Mounting Hardware



SNCA-CEILING

Mounting coupling for
pendant applications



SNC-VB640

Box-type Full HD 1080p/60fps
IP Network Camera (V-
Series)

Housings



SNCA-HRX550/EXT12V

Robust, IP66 rated dome
housing for Sony PTZ
cameras



SNCA-HRX550EXT/W

Outdoor wireless dome
camera housing



UNI-OFL7C2

Outdoor IP66 vandal
resistant IK10 in-ceiling
housing for PTZ cameras



UNI-ONL7C7

Outdoor 7" pendant
housing for SNC-ER/EP/ZR/ZP
series and SNC-RH124, SNC-
RS44 and SNC-RS46
cameras



UNI-OPL7C3

Outdoor Pressurized dome
camera housing



UNI-ORBC2

Fixed Outdoor Vandal
Resistant Environmental
Housing



SNCA-POLE30

Mounting pipe for pendant
mount applications



SNCA-WM40

Heavy duty outdoor wall
mount for the SNC-RS84P,
SNC-RS86P and SNC-
RH164rapid dome cameras



SNCA-WMFX10PC

Wall/Ceiling camera
bracket



UNI-BBB1

Wall/pole mount adapter
box for Sony SNC-CH
outdoor series video security
cameras



UNI-UMB1

Indoor wall mounting
bracket for minidome and
PTZ cameras



UNI-WMB3

Wall mount bracket for PTZ
dome mount security
camera housings



UNI-XBS1/T

Silver bracket for SNC-
CH110S and SNC-CH210S



UNI-ORBC6

Environmental IP66-rated housing supporting .af PoE cameras and Sony sunshield



YT-LD124S

Tinted (Smoke) dome cover for YT-ICB124

Minidomes



SNC-DH120

Minidome 720p/30 fps Camera - E Series



SNC-DH120T

Vandal-resistant Minidome 720p/30 fps Camera - E Series



SNC-DH140

Minidome 720p/30 fps Camera - V Series



SNC-DH140T

Vandal-resistant Minidome 720p/30 fps Camera - V Series



SNC-DH160

Outdoor IR Ruggedized 720p/30 fps Camera - E Series



YT-ICB140

In-ceiling bracket designed for use with Sony minidome video surveillance cameras



YT-ICB45

In-ceiling bracket designed for use with Sony network minidome video surveillance cameras

Other Accessories



SNCA-CLEAR

Replacement clear dome (8")



UNI-LD110S

Replacement capsule for the SNC-DH110, SNC-DH110T, SNC-DH210 and SNC-DH210T network HD cameras



UNI-LD280

Replacement lens capsule

Power Supplies



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**SNC-DH180**

Outdoor IR Ruggedized
720p/30 fps Camera - V
Series