



30W Dual Port Passive Power-over-Ethernet Midspan For Security Cameras and Wireless Access Points



Features

- SELV Compliant
- Non-vented case
- Gigabit Compatible
- Dual Output
- Limited Power Source
- No Detection
- Low-cost
- Full protection OCP, OVP
- 1 year warranty

Applications

- Security Systems
- Remote Locations

Safety Approvals

- CE
- cUL/UL

Mechanical Characteristics

- Length: 140mm (5.51in.)
- Width: 65mm (2.55in.)
- Height: 36mm (1.42in.)
- Weight: 0.2Kg (7.58oz)

Output Specifications

Model	DC Output Voltage	Load		Regulation		Output per Port
		Min.	Max.	Line	Load	
POE31U-560DO ¹	+56V	0mA	270mA	±5%		15W

Note (1) Output is 56V and 270mA per port for 15W or 30W total power output across both ports.

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Current
0.8A (RMS) maximum at 120VAC
0.55A (RMS) maximum at 240VAC

AC Input Frequency
47 to 63Hz

Leakage Current
3.5mA maximum for 254VAC, 50Hz

Max In-rush Current
60A maximum at 240VAC and maximum load
(Cold Start at ambient 25°C)

OUTPUT:

Output Power
15W per port, 30W Total Power

Ripple (P-P)
250mV max

Transient O/P Voltage Protection
60V maximum at switch on/off at any AC line phase

Efficiency
80% Typical at maximum load and 120VAC, 60Hz

Environment

Operating Temperature 0 to +40°C
Non-operating Temperature -20 to +65°C

Relative Humidity 5 to 90%

EMI

EN55022 Class B
FCC part 15 Class B

EMC

ESD:	IEC61000-4-2	Level 3
RS:	IEC61000-4-3	Level 2
EFT/Burst:	IEC61000-4-4	Level 2
Surge:	IEC61000-4-5	Level 3
CS:	IEC61000-4-6	Level 2
Voltage Dips:	IEC61000-4-11	
Harmonic:	IEC61000-3-2	Class A

Isolation (HI-POT)

Primary to secondary: 1500VAC for 1 minute, 10mA

Insulation Resistance

Primary to secondary: 10M Ohm 500VDC

FEATURES:

Short Circuit Protection

The output can be shorted permanently without damage

Indicators

Green LED: Power “ON”

AC Input Connector

IEC320 inlet 3-pin

POE OUT Connector

RJ45

Output Connection

Port 1: +pins 4,5 / -pins 7,8
2: +pins 3,6 / -pins 1,2

Warranty

1 Year

Dimension Diagram Unit: mm

