



4 Port IEEE802.3at Power-Over-Ethernet Module



Features

- 2.5G capabilities on all ports
- Supports IEEE802.3at, IEEE802.3af and IEEE802.3bt detection
- Over-current protection

Applications

- Telecommunications
- Wireless Access Points
- Laboratory Equipment

Safety Approvals

- UL 60950-1, 2nd Ed, 2014-10-14
- CUL 22.2 60950-1-07, 2nd Ed, 2014-10
- IEC/EN 60950-1(ed.2) am 1; am2
- CE

Mechanical Characteristics

- Length: 113mm (4.49in)
- Width: 129.6mm (5.12in)
- Height: 36.6mm (1.57in)

Output Specifications

Model	# of Ports	DC Output Voltage	Load		Regulation		Output Power
			Min.	Max.	Line	Load	
POE120-4AT-R	4	56VDC	<10mA	535mA	-2V/+1V		30W @56VDC per port (4 ports, total 120W)

INPUT:**DC Input Voltage Rating**

55-57VDC

DC Input Current

3A Max Load

DC Input Power

Provided by POE150U or POE450U Midspan

Efficiency

75% (typical) at max load

ENVIRONMENTAL:**Temperature**

Operating	0 to +40°C
Non-operating	-20 to +75°C
Humidity	5 to 90%

EMI

Complies with FCC part 15 Class B
Complies with EN55032/EN55022 Class B

Immunity

ESD:	IEC61000-4-2. Level 3
RS:	IEC61000-4-3. Level 2
EFT:	IEC61000-4-4. Level 3
Surge:	IEC61000-4-5. Level 3
CS:	IEC61000-4-6. Level 3
Voltage Dips	IEC61000-4-11 Class 3

Over-Current Protection

1000mA max

Indicators*LED#1**Blinking GREEN* – Unit is “ON” Active with No Load*Solid GREEN* – Unit has detected a Valid Load*Blinking RED/GREEN* – Unit has detected an Invalid Load*Solid RED w/brief GREEN blink* – Unit is in Over Load/Short Circuit Condition**Input Connection**

4 pin CVILUX:CP-01404170

Dimension Diagram Unit: mm

