



## 4 Ports 60W per Port Power over Ethernet Midspan Ultra PoE Midspan



### Features

- Fully Compliant Detection, Disconnect and Voltage Control IEEE802.3af
- Proprietary Detection, Disconnect and Overload Protection
- Full Protection OCP, OVP
- Rack Mountable
- Limited Power Source
- Gigabit Compatible
- Diagnostic LEDs
- SNMP Management Option
- Full Power at 60W per port
- Mounting Kit Ships with Unit

### Applications

- LCD Displays
- Wireless Access Points
- High Power Radios
- Computer Stations
- Kiosks

### Safety Approvals

- cUL/UL
- CE

### Mechanical Characteristics

- Length: 224.9mm (8.85in)
- Width: 200mm (7.87in)
- Height: 48.5 mm (1.91in)
- Weight: 1.59Kg (3.5lbs)

### Output Specifications

**Model**

POE240U-4UP(x)

**Number of Ports**

4

Options: (x) = N for SNMP Management

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**INPUT:**

**AC Input**

Voltage Range 90 to 264VAC

Input Frequency 47-63Hz

Input Current:

5A (RMS) maximum for 90VAC

2.5A (RMS) maximum for 230VAC

Leakage Current: 3.5mA maximum @ 254VAC 60Hz

AC Inrush Current:

30A (RMS) maximum for 115VAC

60A (RMS) maximum for 230VAC

**OUTPUT:**

**Total Output Power**

60W per port at 56V+1/-2

Total power on all ports 240W

**Ripple and Regulation**

250mV maximum

**Efficiency**

75% (typical) at maximum load, and 120VAC 60Hz

**Hold-up Time**

10mS min. 120VAC and maximum load

**Transient O/P Voltage Protection**

60V maximum at switch on and off at any AC line Phase

**Turn-On Delay Time**

20 sec maximum at maximum load, and 120VAC 60Hz, 25Hz

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

**Humidity**

Operation 5 to 90%

**EMC**

EN55022 Radiate Class A

EN55022 Conducted Class B

**Isolation Test**

Primary to Secondary: 4242VDC for 1 minute

Primary to Ground: 2121VDC for 1 minute

Secondary to Ground: 2121VDC for 1 minute

**Insulation Resistance**

Primary to Secondary: >10M OHM 500VDC

Primary to Field Ground: >10M OHM 500VDC

**Immunity EN50082-1**

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 3

CS: EN61000-4-6. Level 2

Voltage Dips EN61000-4-11

Harmonic: EN61000-3-2 Class A

**IEEE 802.3af Interoperability**

If 25kohm is detected the unit operates in “IEEE802.3at mode” 33.6W 2 pair powering. 12.5k detection resistance required for full power UNH Interoperability report available on request

**FEATURE:**

**Cisco Legacy detection**

No extern parts required for Legacy devices:

VoIP Phones:

7910,7912,7940,7960

Access Points:

350,1100,1200

**Over Voltage/Current, Short Circuit Protection**

Outputs equipped with short circuit protection and overload protection as per 802.3af specifications except for maximum average current is 1.69A The output can be shorted permanently without damage

**Over Temperature Protection**

Automatic Shutdown without damage

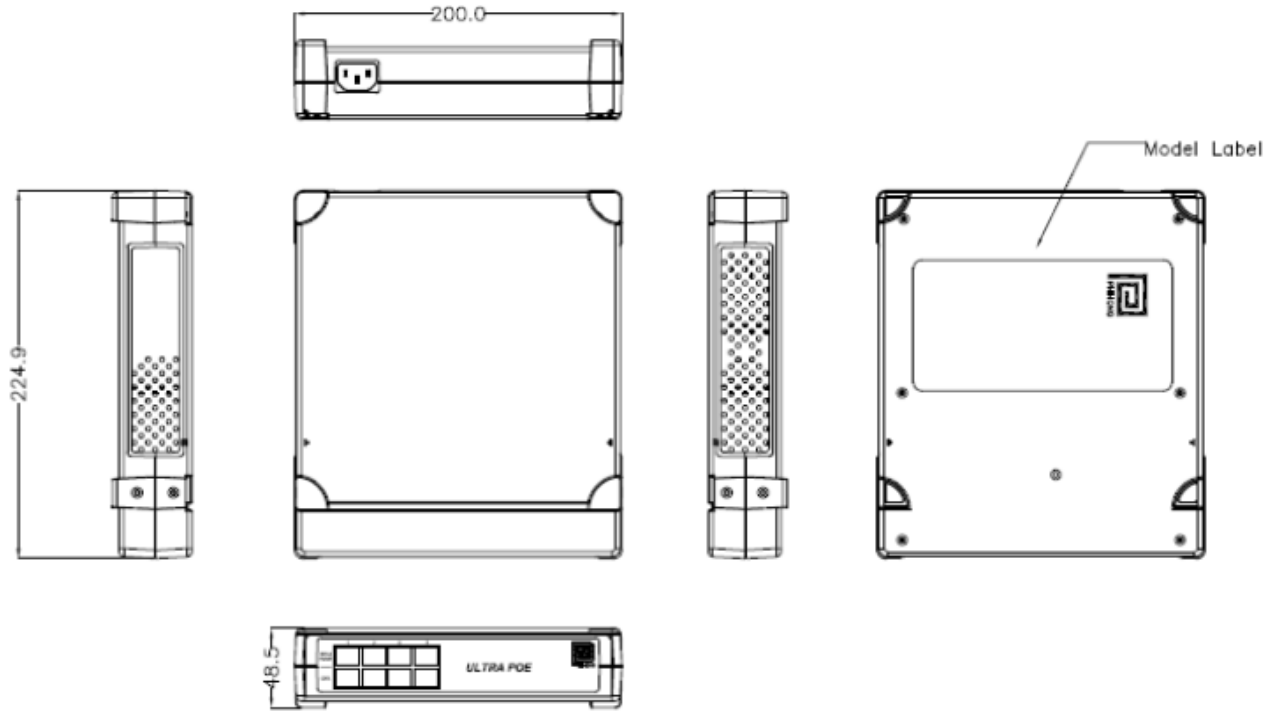
**Indicators**

**Input Connector**

AC Input IEC320 3 pin Green LED: Power detected “CONNECT” at 60W

Flashing GREEN: IEEE802.3at detected “CONNECT” at 30W

Yellow LED: Fault detected



**Façade Display Showing Optional Rack Mounting**

