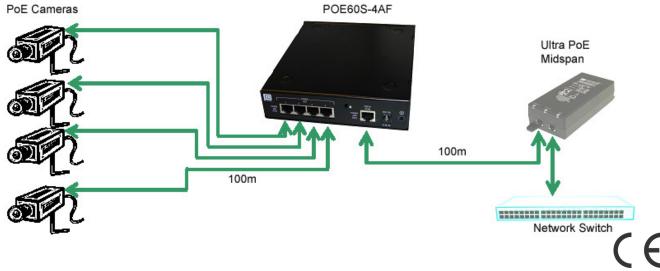
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# 5 Port PoE Switch Powered by ULTRA PoE Extends Ethernet Data and PoE



#### **Features**

- 4 Ports 15.4W per port
- 10/100 Base-T Data Rates
- Full power Every Port
- Extends Ethernet to 200meters

- Powered by Ultra POE or Optional DC power adapter
- 0-55°C operation
- Boost Circuit to Compensate for Wire Drops

# **Applications**

- IP Cameras
- Access Controls

- Wireless Access Points
- IP Telephones

#### **Safety Approvals**

• CE

#### **Mechanical Characteristics**

Length: 174mm (6.85in)Width: 154mm (6.06in)

Height: 38.15mm (1.5in)Weight: 0.9Kg (1.98lb)

# **Output Specifications**

Model	Output
POE60S-4AF	15.4W per port on 4 ports Total power-62W

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# **POE60S-4AF Characteristics**

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#### **INPUT:**

The PoE Extender can receive power from the network switch or midspan. An optional DC power adapter is also available.

### DC Input Voltage Range

36-57VDC

#### Ripple and Regulation

100mV maximum

#### **DC Input Current**

3.0mA at 36VDC at maximum load 2.0mA at 57VDC at maximum load

#### **Efficiency**

84% (typical) at full load and 48VDC

# **PoE Standard Compliance**

#### Input

12.5K Internal Signature Resistance

#### Output

Detects a 25K Signature Resistance

#### **ENVIRONMENTAL:**

#### **Temperature**

Operation  $0 \text{ to } +55^{\circ}\text{C}$ Non-operation  $-20 \text{ to } +71^{\circ}\text{C}$ 

#### Humidity

Operation 5 to 90%

#### Cable

Designed to operate up to 100 meters per IEEE 802.3, Cat 5 or Cat 6

#### **Immunity**

ESD: EN61000-4-2. Level 3
RS: EN61000-4-3. Level 2
CS: EN61000-4-6. Level 2
Note: RS and CS tested with POE75U-560(G)

#### **EMC**

EN55022 Class B FCC Part 15, Class B

#### Isolation

Input and output are isolated from chassis ground

# **Isolation Test**

Input to Field Ground: 2121VDC for 1 minute Output to Field Ground: 2121VDC for 1 minute

#### **Insulation Resistance**

Input and Output to field ground: >10 OHM 500VDC

#### **FEATURE:**

# Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload protection as per 802.3at specification

#### **Indicators**

Ethernet Green Full Duplex, otherwise Half

Duplex

Green 100M, otherwise 10M Yellow blinking, Ethernet activity

POE INPUT —On: Input power OK

Off: No power or voltage

low

OUTPUT —On: POE output OK

Off: No POE output

# Input and Output Data Connector

RJ45

# **Optional DC Input Connector**

Center Positive Barrel 9mm x 2.5mm ID x 5.5mm OD

# **Dimension Diagram Unit: mm**

