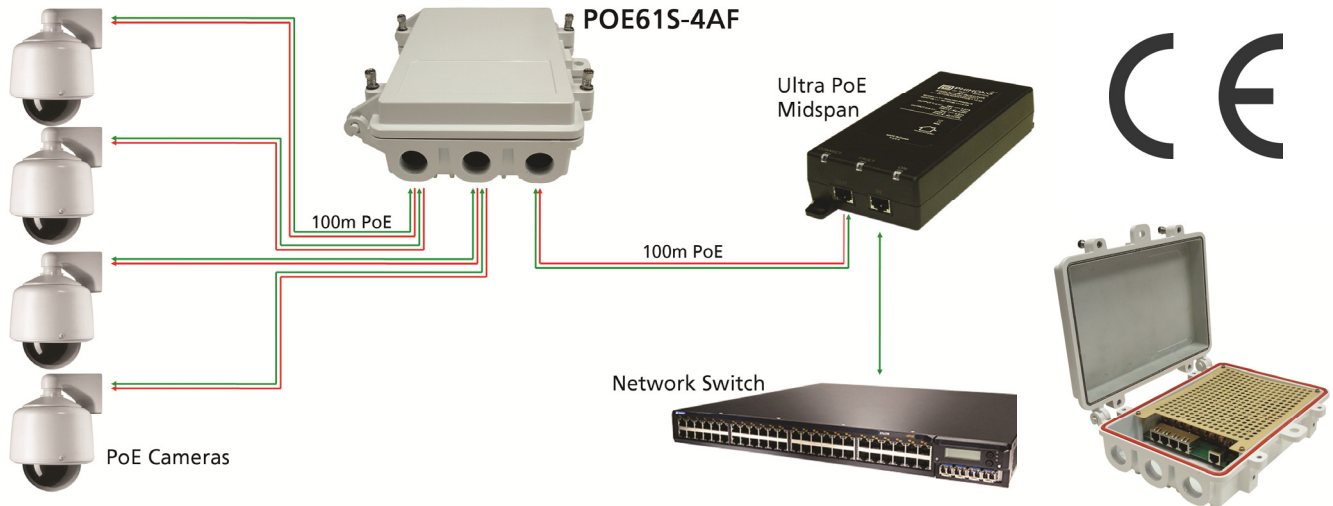




5 Port PoE Switch Powered by ULTRA PoE Extends Ethernet Data and PoE to External Devices



Features

- 4 Ports 15.4W per port
- 10/100 Base-T Data Rates
- Circuit Boost to Compensate for Wire Drops
- Extends Ethernet to 200meters
- Powered by Ultra PoE (No AC or DC input)
- Full power Every Port
- -40-60 °C operation
- IP67 Rating (Waterproof)

Applications

- IP Cameras
- Access Controls
- Wireless Access Points
- IP Telephones

Safety Approvals

- CE

Mechanical Characteristics

- Length: 252.1mm (9.93in)
- Width: 176mm (6.93in)
- Height: 78mm (3.07in)
- Weight: 1.7Kg (3.75lb)

Mechanical Characteristics (With Mounting Bracket)

- Length: 300mm (11.81in)
- Width: 184mm (7.24in)
- Height: 82mm (3.23in)
- Weight: 2.83Kg (6.25lb)

Output Specifications

Model	Output
POE61S-4AF-R	15.4W per port on 4 ports Total power-62W

POE61S-4AF Characteristics

WWW.PHIHONG.COM

INPUT:

The PoE extender can only receive power from an “Ultra PoE” midspan, “Mega PoE” midspan, or equivalent.

DC Input Voltage Range

45-57VDC

Ripple and Regulation

100mV maximum

DC Input Current

2.5A at 45VDC at maximum load

2.0A 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 -40 to +60°C

Non-operation -40 to +85°C

Humidity

Operation 5 to 90%

Cable

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

Weather Proof Enclosure

IP67 Compliant

Warranty

Limited Lifetime

Immunity

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT/Burst: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 2

CS: EN61000-4-6. Level 2

Note: RS and CS tested with POE75U-1UP

EMC

EN55022 Class B

FCC Part 15, Class B

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 802.3af 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

Dimension Diagram (mm)

