

## 75W single-port PoE midspan

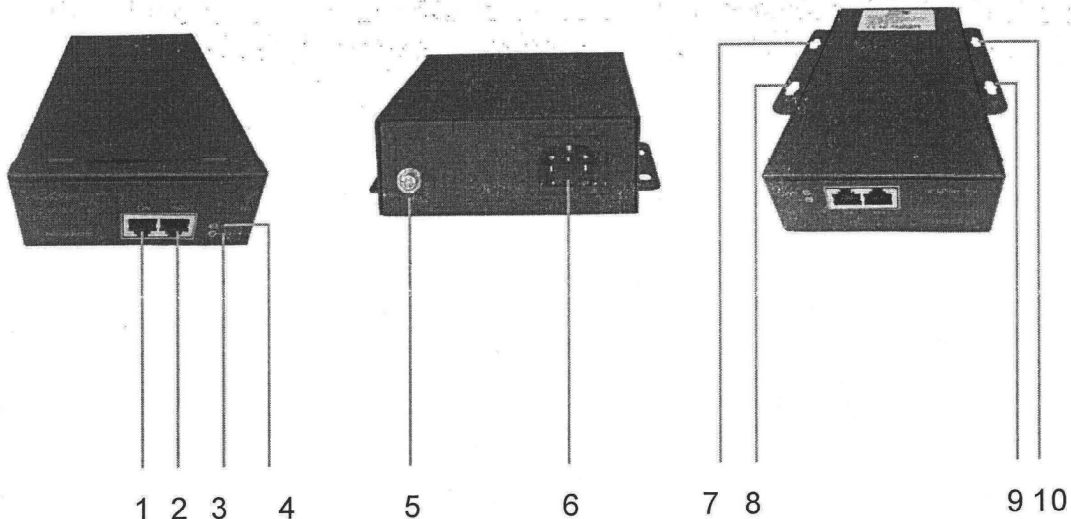
7412007-003

### Introduction

7412007-003, the single-port surge protection PoE injector, It output 55Vdc, 75watts for remote PD over fully 4-pairs and support data speed 10/100/1000Mbps.

7412007-003 provides power for IEEE802.3 af /IEEE 802.3 at standard indoor or outdoor terminal high-power equipment, such as wireless APs, network camera and VoIP phone.

7412007-003, designs for indoor using, and works with AC input voltage 100-240V. It powers for PD over Cat5e or Cat6. The effective distance is 100m, and can work longer to 400m with PoE PoE extender. And very suitable for brutal environment.



- 1. LAN Data Input Port
- 2. PoE Power Output Port
- 3. Power LED indicator

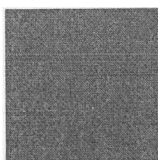
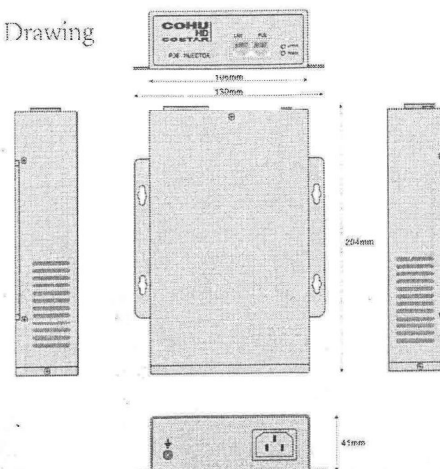
- 4. Load indicator
- 5. GND
- 6. AC Power Input

- 7,8,9,10. Install Hole

### Key Features

- Active, will detect PD before supply power
- Output power: 75W
- Output current: 1.36A
- Power pins: 4/5(+),7/8(-) and 3/6(+),1/2(-)
- Compact design, high-power, lower cost
- Support IEEE802.3af/at compliant terminal equipment

### Outline Drawing



### Specifications

#### Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support IEEE802.3af/at standard PD
- RoHS Compliant
- WEEE Compliant,CE/FCC
- FCC Part 15,Class B
- EN 55022 Class B
- MTBF: 100,000 hours.@25 C

#### Dimension & Weight

- Dimension: L214\*W134\*H41mm
- Weight: 737g

#### LED Instruction

- AC Power LED: Green
- Active Load LED: Green

#### Working Environment

- Operating Temperature: -40 to +65 °C
- Operating High: -304.8 meters to 3048 meters
- Operating Humidity: Maximum 90%, Non-condensing

#### PoE Power Output

- Power pins: 4/5(+),7/8(-) and 3/6(+),1/2(-)
- Data rate: 10/100/1000Mbps
- Output voltage: 55VDC
- Output current: 1.36A
- Input voltage: 100-240VAC
- Required AC current input: 1.5A@100-240VAC
- AC Hz: 50-60Hz

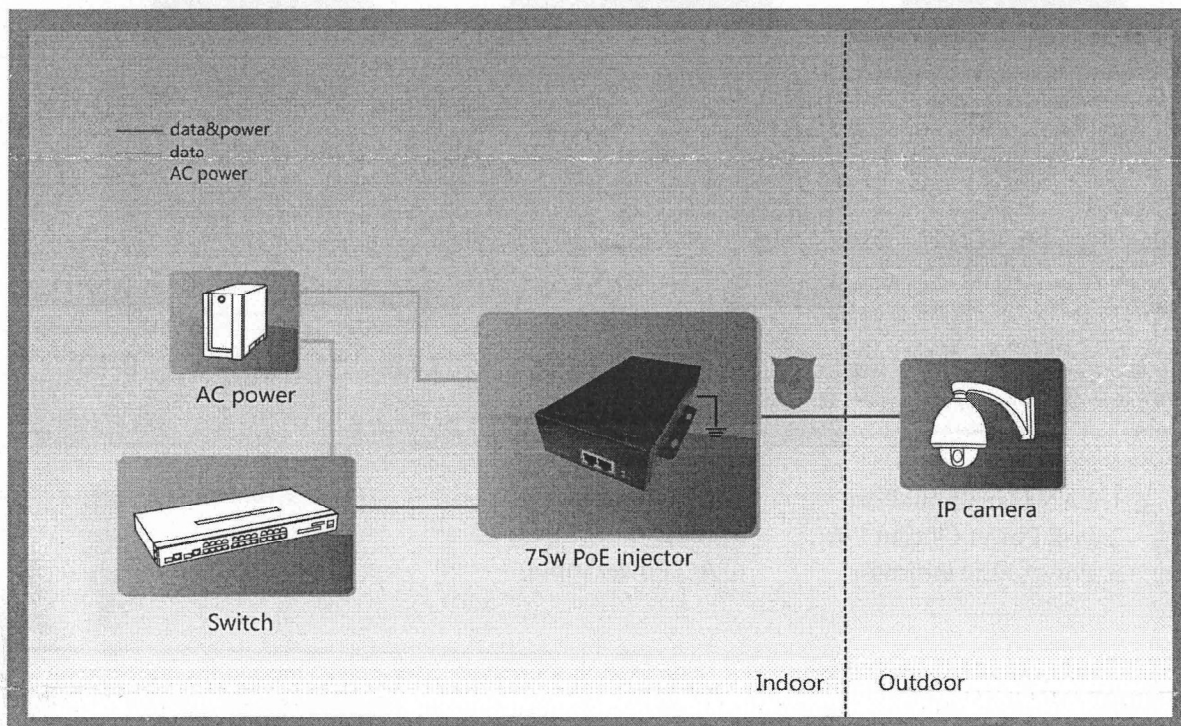
#### PoE Power Output Surge Protection

- Different-mode surge protection(8/20us): 4KV
- Power clamp voltage(4,5-7,8): 60VDC

#### AC Surge Protection

- 1.5KV(8/20us)
- 2.0KV(1.2/50us)

### Working Functional Picture



Order Info.: 7412007-003 55VDC/1.36A/1000Mbps/(4,5+,7,8-) and (3,6+,1,2-)/Active

Packing Info.: 7412007-003 x 1  
US power cable x1  
Product manual x 1