

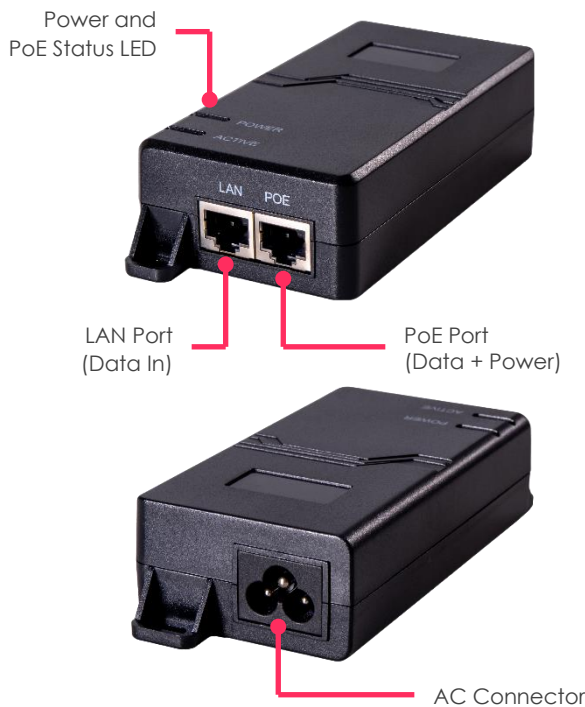
### 56VDC 2.5 Gigabit Passive PoE Injector

The Altai passive PoE injector (SD.PE-0016-GS) is designed to provide reliable power and data transmission for the Altai AX600 series AP products. It supports Ethernet speeds up to 2.5Gbps and can be used with AX600-X or AX600-S to support high-traffic demand and high user-density deployments. Specifically engineered to provide sufficient power to the AX600 series products, even at distances of up to 100 meters, it offers a cost-effective solution for power distribution while maintaining high-speed Ethernet connectivity on your LAN infrastructure.

### Key Features

- Compatible with AX600 AP series products
- \*Up to 100m cable runs with 2.5Gbps of Ethernet speed
- Up to 56W of output power

\*The data is applicable to Cat 6 cables only. The actual data rate may vary depending on the length of the Ethernet cable used, the category of the cable, and the capability of the devices that are connected.



### Interfaces

- LAN (Data In) Port 1 x 10/100/1000/2500Base-T RJ45
- PoE Port 1 x 10/100/1000/2500Base-T RJ45
- AC Connector IEC-320 C6 (Clover-Leaf Type)

### Electrical Specifications

- Input Voltage 100 to 240VAC @ 50/60Hz
- Input Current 1.3A (max.)
- Inrush Current 150A (max.)
- Output Voltage 56VDC
- Output Current 1A
- Output Power 56W
- Ripple and Noise 500mV p-p (max.)
- Output Pin Assignment Pins 1,2,4,5 (+) and Pins 3,6,7,8 (-)
- Protection Surge: Differential/Common Mode  
Over Current  
Short Circuit

### Hardware Specifications

- Dimensions 138.5 x 62.5 x 35.3mm
- Weight 240 g
- MTBF 522,000 Hours (25°C)

### Environment

- Operating Temperature -10 to +45°C
- Storage Temperature -30 to +70°C
- Operating Humidity 0 to 95% RH, Non-Condensing
- Storage Humidity 10 to 95% RH, Non-Condensing

### Compliance

- EN55013
- EN55024
- IEC 60950-1
- FCC Part 15 Class B
- EN55032
- EN55020
- IEC 61000-4-5
- ANSI C63.4

### Product Ordering Information

#### Standard Package

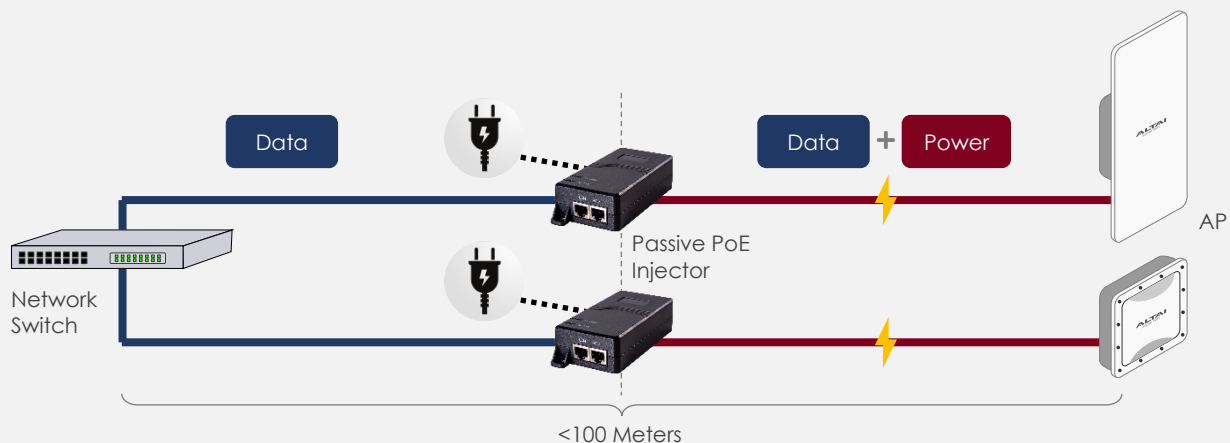
- 56VDC 2.5 Gigabit Passive PoE Injector (Model No.: SD.PE-0016-GS)

#### Contact Us

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PE-PB-230719

### Connection Diagram



The information contained herein is subject to change without prior notice.