

Foreedge



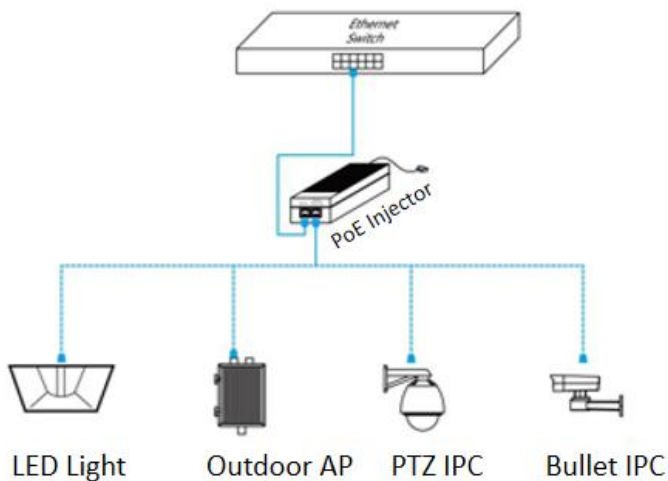
PSE803BT

Gigabit PoE Ethernet Injector

Product Introduction

PSE803BT is a single port Gigabit POE Ethernet power supply device that fully complies with the IEEE 802.3af/at/bt standard. It can load power onto Ethernet cables for transmission, supports 10/100/1000M speeds, and has a maximum transmission distance of 100 meters. This PoE power supply has a regular network input port, as well as a PoE output port and an AC power input port. Compatible with intermediate and end bridging methods; The device integrates ordinary network data signals into signals with POE power supply and outputs them; The maximum output power is 75W, and this device can provide PoE power supply and network transmission applications that comply with the IEEE802.3af/at/bt standard for Ethernet devices such as 11ac wireless APs, network telephones, high-speed ball machines, LED smart lighting, digital signage, point of sale (POS) terminals, satellite data networks, etc. Using Ethernet cable power supply can improve system reliability, expand traditional power line networks, reduce power line usage, and facilitate wiring.

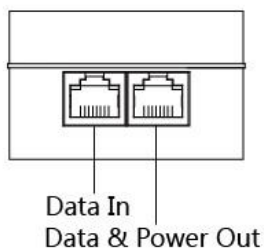
Typical Application



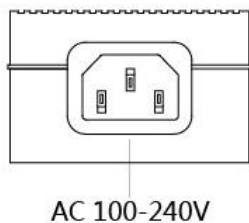
Main Features

- The power supply has functions such as input overvoltage, output overvoltage, output overcurrent, and short circuit protection
- POE port maximum output power 75W
- Supporting standards: IEEE 802.3af/at/bt, IEEE 802.3 10Base-T/100Base TX/IEEE802.3ab 1000Base-T
- Surge: common mode 6KV at the network port; ESD: air 8KV, contact 6KV
- System reliability: MTBF>100000 hours
- Dustproof and silent design

● Front Panel



● Back Panel



Specifications

Model	PSE803BT
Power	100-240V AC @ 50 / 60Hz
Speed	10/100/1000Mbps
Distance	MAX. 100M
PoE Method	Intermediate bridging method, end bridging method
PoE Output	54V DC
PoE Max Output	75W
PoE Wire Order	4Pair: 3/6/4/5 (+) , 1/2/7/8 (-)
LEDs	Power (Yellow); POE (Green)
Protection	Surge: Network port common mode 6KV
	ESD: Air 8KV, Contact 6KV
Environment	Work Temperature: -10°C~40°C
	Storage Temperature: -40°C~70°C
	Work Humidity: 10%~ 90%, Non-condensing
Physical Spec	SIZE (L*W*H) : 165mm*62mm*38.5mm
	Shell material: Black ABS fireproof
Installation	Plug and play; Automatically detect equipment and provide the required power for the device
Certificate Compliance	CE/FCC/RoHS