Gigabit PoE Injector

PSE803BT

Product brochure

Product introduction

PSE803BT is a single-port Gigabit PoE power supply device that fully complies with the IEEE 802.3af/at/bt standard. It can load power on the network cable for transmission, support 10/100/1000M rates, and the maximum transmission distance is 100 meters. The PoE injector has a common network input port, a PoE output port, and an AC power input port. Compatible with mid-span connection method and end-span connection method; the device integrates ordinary network data signals into signals with POE power supply and outputs; the maximum output power is 75W, the device can be Ethernet devices, such as 11ac wireless AP, Internet phone, High-speed dome cameras, LED intelligent lighting, digital signage, point-of-sale (POS) terminals, satellite data networks, etc. provide PoE power supply and network transmission applications that comply with the IEEE802.3af/at/bt standard. The use of Ethernet cable power supply can improve the reliability of the system, expand the traditional power line network, reduce the use of power lines, and facilitate wiring.

Main features

Compatible with IEEE 802.3 af/at/bt power supply standard

• The maximum output power of the PoE port is 75W, which can meet the increasing application requirements of high-power power supply equipment.

Support 10/100/1000Mbps transmission rate, the longest transmission distance is 100m.

High protection level, suitable for various complex environments

• The power supply has functions such as input overvoltage and undervoltage, output overvoltage, output overcurrent, and short circuit protection.
• Surge: network port common mode ±6KV; static electricity (ESD): air ±8KV, contact ±6KV.

System reliability: MTBF>100,000 hours

Dustproof and silent design

Simple to use

• Plug and play, no configuration required, easy to use.
• Zero configuration feature, power is automatically supplied to adaptive devices.

Product Specifications

Model	●PSE803BT
Input power	●100-240VAC@50/60Hz
Transmission rate	●10/100/1000Mbps
Transmission distance	●Max 100 meters
PoE Power supply	●middle jumper method, end jumper method
PoE output voltage	●54VDC
PoE output power	●Max 75W
PoE Pin	●4Pair：3/6/4/5（+），1/2/7/8（-）
LED Indicator	●Power (yellow); PoE (green)
Protection lever	●Surge: Common mode of network port ±6KV ●Electrostatic (ESD): air ±8KV, contact ±6KV
Environmental Specifications	● Working temperature：0℃~40℃ ● Storage temperature：-40℃～70℃ ●Working humidity: 10%~90% RH non-condensing ● Storage humidity: 5%~90% RH non-condensing
Physical Specifications	● Dimensions (LxWxH)：165mm*62mm*38.5mm ●Shell material: black ABS fireproof
Install and use	●Plug and play; automatically detect the device and provide the power required by the device
Safety regulations	●CE/FCC/RoHS/CCC

Networking application