LT-MCSM-PSBD

1-Port Gigabit PoE+ 1-Port Gigabit SC Media Converter

The POE media converter provides power and data transmission via Cat cables. POE ports supply power at the standard of IEEE802.3af/at. Auto-sensing function can supply power to PD device (IEEE802.3af/at standard). If the PoE device disconnected, it would stop supplying power. The product features simple and reliable design, automatic identification of PoE supply voltage and power, speed, full duplex and Auto Uplink cable type. This cost-effective media converter can apply to wireless access point (AP) and IP-based surveillance Network solutions.

Key Features

- l IEEE 802.3af/at power on POE ports
- l Supply power to wireless access points and surveillance cameras over Cat cable
- l POE ports support MDI/MDIX
- l Support PoE power up to 15.4W (IEEE802.3af) / 25.5W (IEEE802.3at) for PoE ports
- l POE Lines: End-Span(12+,36-), Mid-Span(25+,78-)
- l Support IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- l LED indicators for monitoring power, link, activity and speed
- l Network Media: 10BASE-T: Cat3 or more UTP (≤ 250 meter); 100BASE-TX: Cat5 or more UTP (≤100 meter); Cat6 or more UTP (≤150 meter)
- l Working Environment: Operating Temperature: 0°~ 55°; Storage Temperature: -20°C~ 7°C; Operating Humidity: 10% ~ 95%, non-condensing
- l Forwarding Mode: Store-And-Forward

Applications

- IP Cameras Power and connect remote surveillance units.
- Offices Link distant buildings via fiber.
- Industrial Sites Reliable Ethernet-fiber in tough environments.
- Wi-Fi Access Points Provide data and PoE+ to hard-to-reach APs.
- VoIP Phones Extend network and power to remote handsets.
- Campus/MANs Long-range fiber backbone connections.

Specifications

Copper Port	1 POE+ 10/100/1000Mbps
Fiber Port	1 Fiber 1000Mbps
Power Supply	DC 52V
MAX Power Per Port	15.4W (IEEE802.3af) default, 25.5W (IEEE802.3at) optional
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af/atDTE Power via MDI; IEEE 802.3af/at, IEEE 802.3ab 1000BASE-T
LED Display	Power, POE, Ethernet
Transmission Distance	100meter for UTP ports; 0~120km for Fiber ports
Fiber Specification	SC(default), FC/ST/LC(SFP) Wavelength/Distance: Dual Fiber 850nm(550m);1310nm(2/20/40km); 1550nm(60/80/100km) Single Fiber 1310/1550nm(25/40km);1490/1550nm(60/80/100km)
Working Temperature	0°~ 55°C
Storage Temperature	-20°~ 75°C
Operating Humidity	10% ~ 95%, non-condensing
MTBF	100,000 hours