

Gigabit 1 optical & 1 electrical port Media converter

10/100/1000Mbps adaptive Gigabit Ethernet fiber transceiver adopts switching technology for media conversion, conforms to IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab standards, and supports two types of media network connections: 10Base-T, 100Base-TX, 1000Base-T and 1000Base-SX/LX convert 10Base-T, 100Base-TX or 1000Base-T twisted pair electrical signals to 1000Base-SX/LX optical signals. It extends the network's transmission distance from the 100-meter copper limit to 120Km. Supports dual-fiber multimode, dual-fiber single-mode and single-fiber single-mode fiber transmission.



Features:

- Support 10Base-T, 100Base-TX or 1000Base-T adaptive and 1000Base-SX/LX conversion
- The optical port supports 1000Base-X optical fiber transmission standard and can communicate with other products.
- Support full-duplex and half-duplex transmission mode, can automatically negotiate
- Support electric port twisted pair straight-through cross-adaptation, convenient system debugging installation
- Supports dual-fiber multi-mode, dual-fiber single-mode and single-fiber single-mode multiple fiber optic port selection, extending the needs of users

Technical specification:

Specification	Specification
Access method	10/100/1000Mbps Gigabit Ethernet
stander	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX Gigabit Ethernet,
wavelength	850nm/1310nm/1550nm
Transmission distance	Dual fiber multimode: 220m (fiber size 62.5/125μm) / 550m (fiber size 50/125μm), Double fiber single mode: 20/40/60/80Km Single fiber single mode: 20/40/60/80Km Five types of twisted pair: 100m
Port	1 RJ45 port: Connect STP/UTP Category 5 twisted pair cable EIA568A/B 1 fiber port: Dual fiber multimode - SC (fiber size 50, 62.5/125μm) Dual fiber single mode - SC / FC fiber port (fiber size 9 / 125μm) Single fiber single mode - SC / FC fiber port (fiber size 9 / 125μm)
Conversion method	Media conversion
Delay	<10us
Bit error rate	<10 ⁻⁹
MTBF	100,000 hours
LED Indicator	POWER (power), FX L/A (fiber connection), 1000M (electric port rate 1000M), 100M (electric port rate 100M), TP L/A (electric port connection), FDX (current working duplex status))
Power supply	AC220V/DC-5V
Power consumption	≤5W
Working temperature	-20~70°C
Working humidity	5%~90%
Storage temperature	-40~70°C
Storage humidity	5%~90% non-condensing
size	Built-in type : 140×110×30mm

Part Number:

Item Name	Part Number
10/100/1000 Mbps SFP Slotted	PPSL-111S-XX
10/100 Mbps SFP Slotted	PPSL-11S-XX

