

Gigabit Ethernet PoE Switch

(CG204P-B)

Product Description

This fiber optic transceiver is equipped with 2 1.25Gbps SC fiber port and 4 10/100/1000Mbps Ethernet port. The Ethernet port supports IEEE802.3 af/at Power over Ethernet (PoE) standards, with a maximum power output of 25.4W per ethernet port. The device automatically detects whether the connected powered device supports PoE and only provides power to compliant devices, effectively preventing damage to non-PoE devices.

The fiber optic transceiver is easy to install with a plug-and-play design that requires no configuration. Both the fiber port and Ethernet port comply with international standards. It features low power consumption chips, ensuring stable performance and easy maintenance. It is an ideal choice for a variety of commercial environments, including hotels, shops, supermarkets, residential homes, and small to medium-sized enterprises for video surveillance networking.



Product Features

- 4 10/100/1000Base-TX Ethernet port and 2 1000Base-X SC fiber optic port.
- Supports IEEE 802.3 af/at Power over Ethernet (PoE) standards via RJ45 Ethernet port, with a maximum output power of 25.4W per port.
- All Ethernet ports support 10/100/1000Mbps speed auto-negotiation.
- All Ethernet ports support half/full duplex auto-negotiation and automatic MDI/MDI-X crossover.
- All Ethernet ports support wire-speed forwarding for smoother transmission.
- Equipped with a low-power consumption chip.
- Plug-and-play design, easy to operate without any configuration required.
- Constructed with a metal housing for excellent heat dissipation, ensuring long-term stable operation.

Product Parameters

Standards and protocols	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX standards IEEE 802.3af/at Power Over Ethernet IEEE802.3x Flow control,
Interface information	Single mode SC optical port: 2 1000Base-X optical ports(SC/FC/SFP optional)
	Transmission rate: 1.25G
	Multi-mode: 550m/2km; Single-mode: 2/20/40/60/80/100km
	Multi-mode: 850nm/1310nm, single mode: 1310nm/1550nm/1490nm
	RJ45 ethernet port: 4 10/100/1000M Base-T ethernet ports (standard RJ45)
	10/100/1000Mbps auto-negotiation
	10Base-T: ≤100m (CAT5e or above)
	100Base-TX: ≤100m (CAT5e or above)
	1000Base-TX: ≤100m (CAT5e or above)
Mechanical Properties	Shell material: metal shell
	Appearance size (length * depth * height): 201×100×39mm
	Installation method: Desktop, Rack-mount
	Cooling method: natural cooling, no fan
	Weight: < 0.30Kg
Environmental properties	Working temperature: -20℃~+60℃
	Storage temperature: -20℃~+85℃
	Relative humidity: 5% ~ 95% (non-condensing)
Exchange properties	Bandwidth: 12.0Gbps
	Packet forwarding rate (entire device): 8.928 Mpps.
	Switching method: Store-and-forward.
	MAC address table: 4K
	Packet buffer: 1.5m.
	Jumbo frame: 9K.

Power supply	Input voltage: DC 48V-53V
	Power consumption: < 3 W
PoE pin	802.3AF/AT(1/2+, 3/6-)
Indicators	Ethernet Port LEDs:
	POE Indicator: Yellow
	LINK/ACT Indicator: Green(10/100/1000M)
	Optical Port LED:
	FX Indicator: Green
	Power LED (PWR): Green

Product Size



Application

