Gigabit Ethernet Fiber Switch

(FT-SG208-SFP)

Product Description

The Ethernet Fiber Switch has 8 1.25Gbps SFP slot and 2 10/100/1000Mbps network ports, which can realize data communication between 1000Base-T twisted pair and 1000Base-SX/LX optical cable, and can extend the limit transmission distance of the network from 100 meters of twisted pair to 120 kilometers of optical fiber.

The installation of this fiber optic switch is simple and convenient, as it is plug-and-play without requiring any configuration. All optical and electrical interfaces comply with international standards. The product offers isolation protection, ensures good data confidentiality, operates stably, and is easy to maintain. It is suitable for various commercial and industrial environments.

Product Features

- 2 10/100/1000Base-T Ethernet ports and 8 1000Base-X fiber optic ports.

- Supports transmission of large data packets up to 10K.

- All ethernet ports support 10/100/1000Mbps rate adaptation.

- All ports support half/full duplex auto-negotiation and automatic MDI/MDI-X functionality.

- All ports support line-speed forwarding for smoother transmission.

- Plug-and-play operation, simple to use without any configuration required.

- Equipped with a metal casing for excellent heat dissipation, ensuring stable operation over long periods of time.

Product Parameters

Protocol	Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-SX/LX standards IEEE 802.3x flow control
Interface	Downlink	2 10/100/1000M Base-T ports
	Uplink	8 1000Base-X SFP ports
Exchange performance	Forward method	Store-and-forward（full wire-speed）
	Transmission mode	Half/Full duplex adaptive
	MAC address table	1K
	Case space	1Mb
	Jumbo frame	10K
	Packet Forwarding Rate	14.88Mpps
	Bandwidth	20G（non-blocking）
LED indicator	Power supply indicator	PWR: Green
	Fiber indicator	Green
	Link/Act indicator	1000M Link/ACT Orange; 100M Link/ACT Green;
Power parameters	Input voltage	DC 5~12V
	Power consumption	≤6W
Environment	Operating Temperature	-20℃～60℃
	Storage Temperature:	-40℃～85℃
	Operating Humidity	5%～95% non-condensing
	Heat dissipation method	Natural heat dissipation
Physical properties	Size	216mm×104mm×27mm
	Weight	0.5kg

216mm
104mm
27mm

Gigabit Ethernet Fiber Switch
2-Port 10/100/1000M TX+8-Port 1000M FX

TP1   TP2   PWR   SFP1   SFP2

Application

Transmission distance

1KM   120KM

Fibre optic cable

Network cable

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Transceiver   Transceiver

AP   camera   Desktop computer   Data server   NVR   Wireless router