

8GE SFP+2GE Gigabit Ethernet Fiber Switch

Model: FS1802G



Product Introduction

HIMAX FS1802G fiber optic switch has 8*1.25Gbps SFP fiber ports and 2*10/100/1000Mbps network ports, which can realize data communication between 1000Base-T twisted pair and 1000Base-SX/LX optical cables, and it can make the limit transmission distance of the network Extended from 100 meters of twisted pair to 120 kilometers.

The fiber optic switch is easy to install, plug and play, without any settings. All optical interfaces comply with international standards. The product has isolation protection, good data confidentiality, stable work, easy maintenance, and is suitable for working in different commercial and industrial environments.

Features

- ◎ 2 10/100/1000Base-T network ports, 8 1000Base-X optical ports
- ◎ Support 10K ultra-large data packet transmission
- ◎ All ports support 10/100/1000Mbps rate adaptive
- ◎ All ports support half/full duplex self-adaptation, support automatic MDI/MDI-X function
- ◎ All ports support wire-speed forwarding for smoother transmission
- ◎ Plug and play, simple operation, no configuration required
- ◎ Using metal shell, excellent heat dissipation, to ensure long-term stable operation of the product

Specification

Model		FS1802G
Interfaces		
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
Optical Port Characteristics	Interface Type	SFP slot
	Transmission Rate	1.25Gbps
	Transmission Distance	Multi-mode: 550m/2km; Single-mode: 2/20/40/60/80/100km
	Transmission Wavelength	Multi-mode: 850nm/1310nm, single mode: 1310nm/1550nm/1490nm
Network Port Characteristics	Interface Type	2×1000Mbps RJ45, 8×1000Mbps SFP Slot
	Transmission Rate	10/100/1000Mbps adaptive
	Transmission Distance	10Base-T: ≤250m (CAT3,4,5 UTP) 100Base-TX: ≤100m (CAT3,4,5 UTP) 1000Base-T: ≤100m (CAT3,4,5 UTP)
Exchange Performance	Forwarding Method	Store-and-forward (full wire speed)
	Transfer Mode	Full duplex/half duplex adaptive
	MAC Address Table	1K
	Cache Space	1Mb
	Jumbo Frame	10K
	Packet Forwarding Rate	8.928Mpps@64byte
	Backplane Bandwidth	20G (non-blocking)
Physical Characteristics		
LED Indicator	Power Indicator	Power Indicator Green
	Fiber Indicator	SFP1/SFP2/SFP3/SFP4/SFP5/SFP6/SFP7/SFP8 Green
	Link/Act Indicator	UP1/UP2 Green
Power Characteristics	Input Voltage	DC: 5~12V
	Device Power Consumption	≤6W
Environmental Conditions	Operating Temperature	-20°C~60°C
	Storage Temperature	-40°C~85°C
	Relative Humidity	5%~95% non-condensing
	Cooling Method	Natural cooling
Physical Properties	Physical Dimension	216mm*104mm*27mm
	Equipment Weight	0.5kg
Certification		
Certification	CE, FCC, RoHS,	
Package Contents		

Switch	1 pcs
Power cord	1 pcs
Quick installation guide	1 pcs

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INNOVATION

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