

DH-SG1050

50-Port Unmanaged Gigabit Switch with 2-Port SFP



- Easy to install, and is plug and play.
- The all-gigabit ports transmit data without lag.
- With its solid full metal design, the device has great heat dissipation and no fan.
- Supports port isolation.
- EMC compliant, the device is lightning proof.



System Overview

The Device is a layer-2 commercial switch. It has a high-performance switching engine and a large buffer memory to ensure smooth video stream transmission. With a full-metal and fanless design, the Device features great heat dissipation capability on the shell surface. The Device is an unmanaged switch, so it does not need to be configured through web interface, which simplifies installation. Additionally, the built-in DIP switch supports three modes: Default, flow control off, and isolation.

Functions

All-Gigabit Ports

Designed with large buffer memory and all-Gigabit ports, enabling high-definition access of large stream.

Fanless Design

The fanless design reduces noise, enhances user experience, reduces mechanical losses and improves service life to a certain extent.

Plug and Play

Hassle-free, it does not require any configuration. Simply use after it is powered on.

Full Line-rate Forwarding

The ports perform error-free forwarding of frames at high speeds while under a full load.

Scene

Suitable for scenes such as SMEs, chain businesses, branches, government structures, schools, and hotels.

Specification

Basic	
Layer	Unmanaged
Switching Capacity	100 Gbps
Packet Forwarding Rate	74.4 Mpps
Description of Function Slots	"Port 1-48: 48 × RJ-45 10/100/1000 Mbps Port 49-50: 2 × SFP 1000 Mbps"
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–90% (RH), non-condensing
Protection	IP20
Storage Temperature	−40 °C to +70 °C (−40 °F to +158 °F)
Storage Humidity	5%–90% (RH), non-condensing
Power Supply	Built-in power supply: 100–240 VAC, 50/60 Hz, 1 A
Power Consumption	"Idling: 15 W Full load: 35 W"
Statics Protection	"Air discharge: 8 kV Contact discharge: 6 kV"
Lightning Protection	"Common mode: 4 kV Differential mode: 2 kV"
Net Weight	3.4 kg (7.50 lb)
Gross Weight	4 kg (8.82 lb)
Product Dimensions	440 mm × 240 mm × 44 mm (17.32" × 9.45" × 1.73") (L × W × H)
Packaging Dimensions	510 mm × 349 mm × 92 mm (20.08" × 13.74" × 3.62") (L × W × H)
Casing Material	Iron
Installation	Rack mount; desktop mount
Certifications	CE

Hardware	
DIP Switch	Isolation; Flow Control Off; Default

Performance	
MTBF	100,000 hours
Packet Buffer Size	12 Mbit
Jumbo Frame	9K Byte
MAC Table Size	16K
Communication Standard	IEEE 802.3i; IEEE 802.3u; IEEE 802.3ab; IEEE 802.3z; IEEE 802.3X; IEEE 802.3ad; IEEE 802.1Q; IEEE 802.1P

Feature	
Port Feature	IEEE 802.3x Flow Control
IEEE 802.3x Flow Control	Yes

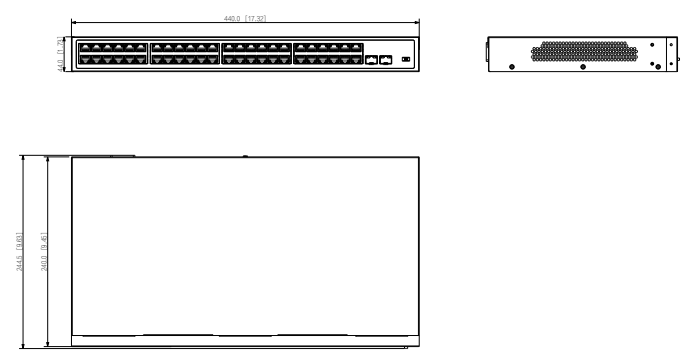
General

Packing List	1 × User Manual 1 × Power Cord 1 × Rack-mounting Kit 1 × Legal and Regulatory Information
--------------	--

Ordering Information

Type	Model	Description
SFP module	GSFP-RJ45	Gigabit RJ45 SFP Module
	GSFP-1310T-20-SMF	1.25G 1310/1550nm,20km,LC, Single-mode
	GSFP-1310R-20-SMF	1.25G 1550/1310nm,20km,LC, Single-mode
	GSFP-1310-20-SMF	1.25G 1310nm,20km,LC, Single-mode
	GSFP-850-MMF	1.25G 850nm,550m,LC, Multi-mode

Dimensions (mm[inch])



Panels

