

DH-SMG1009XP

9-Port Unmanaged Desktop Switch with 8-Port PoE



- 8 × RJ-45 10/100/1000/2500 Mbps ports and 1× SFP+ 10 Gbps port.
- Easy to install, and is plug and play.
- With its solid full metal design, the device has great heat dissipation and no fan.
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt standards.
- Green Ethernet (802.3az).

Series Overview

The Multi-Giga Switch offers up to 2.5 Gbps for its Ethernet ports and 10 Gbps for optical ports. With its full metal design, the switch has great heat dissipation and can operate in temperatures ranging -10°C to 55°C. It also features EMC and has protection against overvoltage, overcurrent, static electricity, lightning strikes, pulses and other types of interference. Additionally, the built-in DIP switch supports three modes: Default, port isolation, and EEE. Its internal software incorporates intelligent PoE, and the red port provides up to 90 W. The versatility of the switch even extends to supporting high-bandwidth devices such as AC, AP, NAS, and ultra HD front-end devices.



Flexible Application

Suitable for use in a wide variety of scenes to meet your requirements.

Port Isolation

Devices under different ports are prevented from communicating with each other, without need of VLAN being configured. Data is also protected from being leaked from the PoE ports and broadcast storms are isolated, making the network safe and easy to use.

Green Mode

This mode activates the Energy Efficient Ethernet (EEE) function to automatically shut down idle circuits, reduce power consumption and save energy.

Scene

Suitable for scenes such as houses, factories and offices.

Functions

BT 90W (Red Port)

The red ports support IEEE802.3af, IEEE802.3at, IEEE802.3bt and Hi-PoE standards, with a maximum output power consumption of 90W per port. Suitable for powering high-power devices.

Intelligent PoE

Provides power consumption control and real-time monitoring to guarantee priority of power supply for important ports and prevent malfunctioning caused by power consumption change. Supports ultra wide power supply, able to adapt to IPC power fluctuation.

The Multi-Giga Switch (PoE) | DH-SMG1009XP

Technical Specification	
Basic	
Layer	Unmanaged
Switching Capacity	60 Gbps
Packet Forwarding Rate	44.64 Mpps
Description of Function Slots	Port 1-8: 8 × RJ-45 10/100/1000/2500 Mbps (PoE) Port 9: 1 × SFP 1/10 Gbps
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–90% (RH), non-condensing
Storage Temperature	−40 °C to +70 °C (−40 °F to +158 °F)
Storage Humidity	5%–95% (RH), non-condensing
Power Supply	External power supply: 53 VDC, max 3.77 A
Power Consumption	Idling: 10.48 W Full load: 180 W
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lightning Protection	Common mode: 4 kV Differential mode: 2 kV
Net Weight	0.73 kg (1.61 lb)
Gross Weight	1.796 kg (3.95 lb)
Product Dimensions	220 mm × 141 mm × 30 mm (8.66" × 5.55" × 1.18") (L × W × H)
Packaging Dimensions	302 mm × 185 mm × 118 mm (11.88" × 7.28" × 4.64") (L × W × H)
Casing Material	Metal
Installation	Desktop mount; wall mount
Certifications	CE

PoE	
PoE	Yes
PoE Power	Port 1-2 ≤ 90 W, Port 3-8 ≤ 30 W, total ≤ 180 W

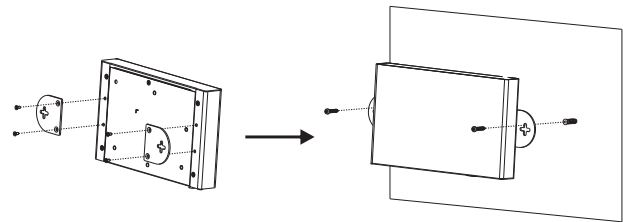
Hardware	
DIP Switch	Default: Default setting Post isolation: Prevents traffic from being sent between ports 1-8, but allows ports 1-8 to send its traffic to the uplink ports 9. These uplink ports can also send their traffic to 1-8. EEE: Energy Efficient Ethernet (EEE) function.

Performance	
Packet Buffer Size	8 Mbit
Jumbo Frame	12K Byte
MAC Table Size	4K
Communication Standard	IEEE 802.3; IEEE 802.3u; IEEE 802.3x; IEEE 802.3ab; IEEE 802.3z; IEEE 802.3az; IEEE 802.3ad; IEEE 802.3ae

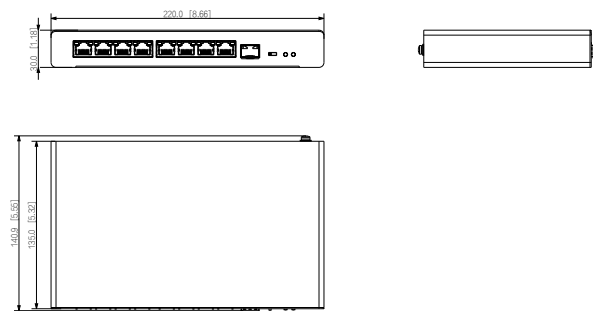
General	
Packing List	1 × User Manual 1 × Legal and Regulatory Information 1 × Power Adapter 1 × Power Cord 1 × Mounting Kit

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
	TSFP-1270T-20-SMF	10G 1270/1330nm,20km,LC, Single-mode
	TSFP-1270R-20-SMF	10G 1330/1270nm,20km,LC, Single-mode
	TSFP-1310-20-SMF	10G 1310nm,20km,LC, Single-mode
	TSFP-1550-40-SMF	10G 1550nm,40km,LC, Single-mode
	TSFP-850-MMF	10G 850nm,300m,LC, Multi-mode

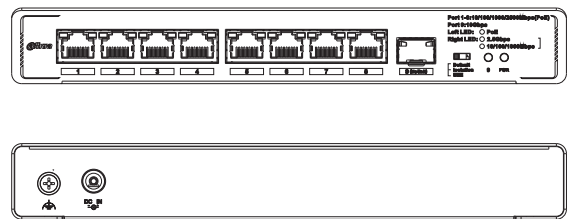
Installation



Dimensions (mm[inch])



Panels



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