DH-SMG1008

8-Port Unmanaged Desktop Switch with 8-Port 2.5G

- 8 × RJ-45 10/100/1000/2500 Mbps ports.
- Easy to install, and is plug and play.
- With its solid full metal design, the device has great heat dissipation and no fan.
- Green Ethernet (802.3az).

Full Line-rate Forwarding	Plug & Play		Flexible Application	Port Isolation

Series Overview

The Multi-Giga Switch offers up to 2.5 Gbps for its Ethernet 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. The versatility of the switch even extends to supporting high-bandwidth devices such as AC, AP, NAS, and ultra HD front-end devices.

Functions

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

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

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

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.

Technical Specification

Basic

Layer	Unmanaged
Switching Capacity	40 Gbps
Packet Forwarding Rate	29.76 Mpps
Description of Function Slots	Port 1-8: 8 × RJ-45 10/100/1000/2500 Mbps
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: 12 VDC, max 2 A
Power Consumption	Idling: 1.9 W; Full load: 8.09 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	0.942 kg (2.07 lb)
Product Dimensions	220 mm × 141 mm × 30 mm (8.66" × 5.55" × 1.18") (L × W × H)
Packaging Dimensions	297 mm × 163 mm × 71 mm (11.69" × 6.41" × 2.79") (L × W × H)
Casing Material	Metal
Installation	Desktop mount; wall mount
Certifications	CE

PoE

PoE	No

Hardware

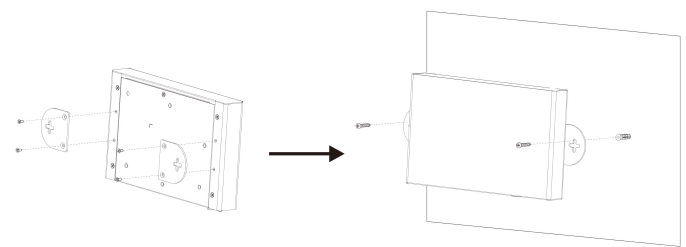|	
DIP Switch	Default: Default setting Post isolation: Prevents traffic from being sent between ports 1-7, but allows ports 1-7 to send its traffic to the uplink ports 8. These uplink ports can also send their traffic to 1-7. EEE: Energy Efficient Ethernet (EEE) function .

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 × Mounting Kit;

Ordering Information

Type	Model	Description
Ethernet Switch	DH-SMG1008	8-Port Unmanaged Desktop Switch with 8-Port 2.5G

Installation

Dimensions (mm[inch])

mm [inch]

Panels