DH-SG1024M

24-Port Gigabit Desktop Switch

- Fast forwarding: All ports can run at their highest speed at the same time, with no pressure running in concurrent flow scenarios.
- Plug and play: Just power-on and enjoy your device. No configuration required. It is suitable for forwarding scenarios.
- Fanless design: A fanless design is used to effectively reduce noise and create a quiet, serene environment. Its design also reduces mechanical loss to a certain extent and increases service life.
- Flexible installation: Supports multiple installation methods such as desktop mount and wall mount. Suitable for various installation scenarios.

Series 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.

Functions

Easy Installation

Both desktop and wall mount installation are supported, making it suitable for a wide variety of scenarios.

Gigabit Transmission

The Internet speed can reach up to 1 Gpbs, and download speed can reach up to 125 MB/s. It also improves the stability of network transmission.

Plug and Play

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

All-Gigabit Ports

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

Compact Styling

Highly integrated, compact styling and easy to use.

Fanless Design

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

Scene

The Device is applicable for use in in a variety of scenarios, such as in the home and office, on server farms, and in small malls.

Technical Specification

Hardware

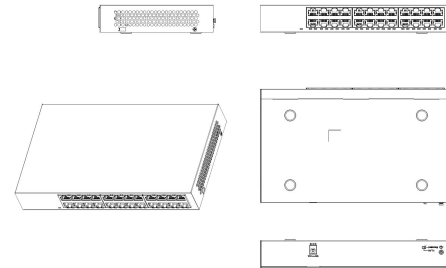|	
Included Power Adapter	Yes
PoE	No
Ethernet Port	24
Ethernet Port Speed	10/100/1000 Mbps
Ethernet Port Uplink Speed	10/100/1000 Mbps
Description of Function Slots	Port 1-22:22 × RJ-45 10/100/1000 Mbps Port 23-24:2 × RJ-45 10/100/1000 Mbps(Uplink)
Power Adaptor Supply	110-120 V, 50/60Hz
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	5%–95% (RH), non-condensing
Storage Temperature	−40 °C to +85 °C (−40 °F to +185 °F)
Storage Humidity	5%–95% (RH), non-condensing

Performance

Layer	Layer 2
Management Type	No
Smart Managed Switch	No
MTBF	5.7 years
Switching Capacity	48 Gbps
Packet Forwarding Rate	35.7 Mpps
Packet Buffer Size	2 Mbit
Jumbo Frame	10K Byte
MAC Table Size	8K
Communication Standard	IEEE 802.3; IEEE 802.3u; IEEE 802.3x; IEEE 802.3ab

General

Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 2 kV Differential mode: 1 kV
Net Weight	1.2 kg (2.65 lb)
Gross Weight	1.3 kg (2.67 lb)
Product Dimensions	247 mm × 150 mm × 37 mm (9.72" × 5.91" × 1.46")
Packaging Dimensions	505 mm × 310 mm × 345 mm (19.88" × 12.20" × 13.58")
Casing Material	Metal
Installation	Desktop mount
Certifications	CE

Dimensions (mm[inch])

Ordering Information

Type	Part Number	Description
Ethernet Switch	DH-SG1024M	24-Port Gigabit Desktop Switch