DH-S3016-16GT

16-Port Unmanaged Gigabit Switch



- 16 × RJ-45 10/100/1000 ports.
- The all-gigabit ports transmit data without lag.
- Features aggregation mode which aggregates uplink ports.
- Features isolation mode which isolates all the ports from each other.
- With its solid full metal design, the device has great heat dissipation and no fan.
- Supports rack mount, wall mount and desktop mount.



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

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.

Easy Installation
Supports desktop, rack mounting and wall mounting, suitable for various scenarios.

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.

Link Aggregation
Combines multiple physical links into one virtual channel for dynamic redundancy and load balancing, ensuring that the connection remains stable.

Scene

Suitable for scenes such as houses, factories and offices.

Technical Specification

Basic

Layer	Layer 2
Switching Capacity	32 Gbps
Packet Forwarding Rate	23.808 Mpps
Description of Function Slots	Port 1-14: 14 × RJ-45 10/100/1000 Mbps; Port 15-16: 2 × RJ-45 10/100/1000 Mbps (uplink)
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	Built in power supply: 100–240 VAC, 50/60 Hz, 0.4 A
Power Consumption	Idling: 2.2 W; Full load: 7.8 W
Statics Protection	Air discharge: 8 kV; Contact discharge: 6 kV
Lightning Protection	Common mode: 2 kV; Differential mode: 0.5 kV
Net Weight	0.74 kg (1.63 lb)
Gross Weight	1.297 kg (2.86 lb)
Product Dimensions	294 mm × 119 mm × 44 mm (11.57" × 4.68" × 1.73") (L × W × H)
Packaging Dimensions	353 mm × 215 mm × 75 mm (13.9" × 8.46" × 2.95") (L × W × H)
Casing Material	Sheet Metal
Installation	Desktop mount; wall mount; rack mount
Certifications	CE

Hardware

DIP Switch	Default: Default setting Post isolation: Prevents traffic from being sent between ports 1-14, but allows ports 1-14 to send its traffic to the uplink ports 15-16. These uplink ports can also send their traffic to 1-14. Port aggregation: Aggregates uplink ports.

Performance

Packet Buffer Size	8.4 Mbit
Jumbo Frame	12K Byte
MAC Table Size	16K
Communication Standard	IEEE 802.3; IEEE 802.3u; IEEE 802.3x; IEEE 802.3ab; IEEE 802.3ad

Feature

Link Aggregation	Static link aggregation
Port Feature	IEEE 802.3x traffic control
IEEE 802.3x Flow Control	Yes

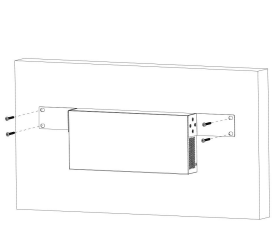
General

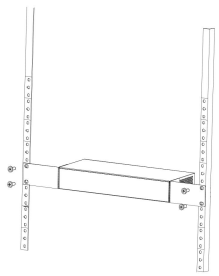
Packing List	1 × User Manual; 1 × Legal and Regulatory Information; 1 × Power Cord; 1 × Rack-mounting Kit;

Ordering Information

Type	Model	Description
Ethernet Switch	DH-S3016-16GT	16-Port Unmanaged Gigabit Switch

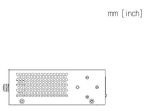
Installation





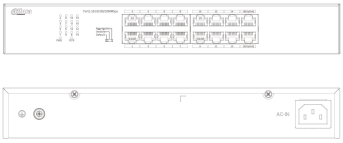
Dimensions (mm[inch])







Panels



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