

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.

Desktop Ethernet Switch | DH-S3016-16GT

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

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|------------|---|
| 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

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|------------------------|--|
| 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

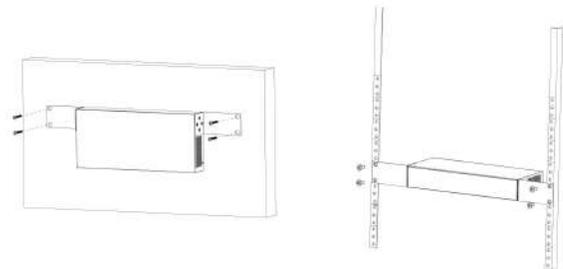
| | |
|--------------|------------------|
| Packing List | 1 × User Manual; |
|--------------|------------------|

1 × Legal and Regulatory Information;
1 × Power Cord;
1 × Rack-mounting Kit;

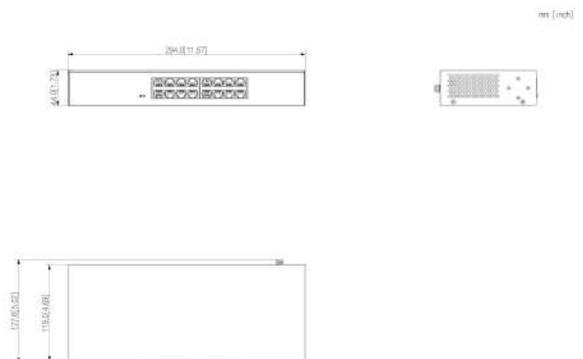
Ordering Information

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

Installation



Dimensions (mm[inch])



Panels

