

# DH-S3016-16GT

# 16-Port Unmanaged Gigabit Switch



#### **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.

- 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.













#### Scene

Suitable for scenes such as houses, factories and offices.

# **Technical Specification**

Layer 2
32 Gbps
23.808 Mpps
Port 1-14: 14 × RJ-45 10/100/1000 Mbps; Port 15-16: 2 × RJ-45 10/100/1000 Mbps (uplink)
-10 °C to +55 °C (+14 °F to +131 °F)
10%–90% (RH), non-condensing
-40 °C to +70 °C (-40 °F to +158 °F)
5%–95% (RH), non-condensing
Built in power supply: 100–240 VAC, 50/60 Hz, 0.4 A
Idling: 2.2 W; Full load: 7.8 W
Air discharge: 8 kV; Contact discharge: 6 kV
Common mode: 2 kV; Differential mode: 0.5 kV
0.74 kg (1.63 lb)
1.297 kg (2.86 lb)
294 mm × 119 mm × 44 mm (11.57" × 4.68" × 1.73") (L × W × H)
353 mm × 215 mm × 75 mm (13.9" × 8.46" × 2.95") (L × W × H)
Sheet Metal
Desktop mount; wall mount; rack mount
CE

## Hardware

	Default: Default setting
DIP Switch	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

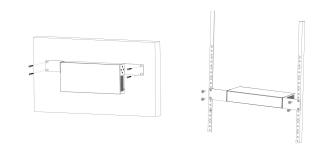
### General

Packing List	1 × User Manual;
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- $1 \times \text{Legal}$  and Regulatory Information;
- 1 × Power Cord;
- $1 \times Rack$ -mounting Kit;

Ordering Information				
Туре	Model	Description		
Ethernet Switch	DH-S3016-16GT	16-Port Unmanaged Gigabit Switch		

# Installation



# Dimensions (mm[inch])







# **Panels**

