# DH-SF1016

## 16-Port Unmanaged Ethernet Switch



- 16-Port 10/100Mbps Ethernet Switch.
- Complies with IEEE802.3, IEEE802.3u and IEEE802.3X standards.
- Supports MAC learning and aging and MAC address list capacity is 8K.
- Wide operating temperature from -20°C to +60°C.
- Metal housing with great heat dissipation.
- Easy to install, and plug and play.



### 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.

**Wide Operating Temperature (–20 °C to +60 °C)**

With its metal housing, it has great heat dissipation and a wide operating temperature that ranges from -20°C to +60°C.

**Fanless Design**

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

**Optimized Performance**

All ports can transmit streams at high speeds without delay.

### Scene

Suitable for small-scale scenes such as offices, schools, hotels, supermarkets, and hospitals.

# Desktop Ethernet Switch | DH-SF1016

## Technical Specification

### Hardware

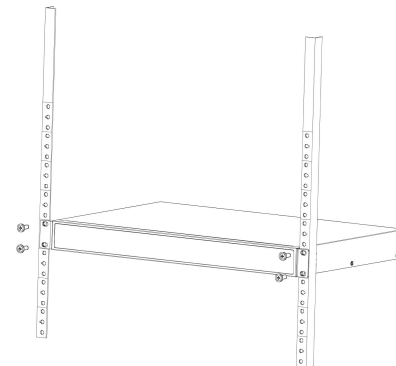| | |
|---|---|
| Included Power Adapter | Yes |
| Ethernet Port | 16 |
| Ethernet Port Speed | 10/100 Mbps |
| Description of Function Slots | Port 1-16: 16 × RJ-45 10/100 Mbps |
| Power Supply | Built-in power supply: 100–240 VAC, 50/60 Hz, max 0.7 A |
| Operating Temperature | −20 °C to +60 °C (−4 °F to +140 °F) |
| Operating Humidity | 10%–90% (RH), non-condensing |
| Storage Temperature | −40 °C to +75 °C (−40 °F to +167 °F) |
| Power Consumption | Idling: 0.5 W Full load: 1.6 W |

### Performance

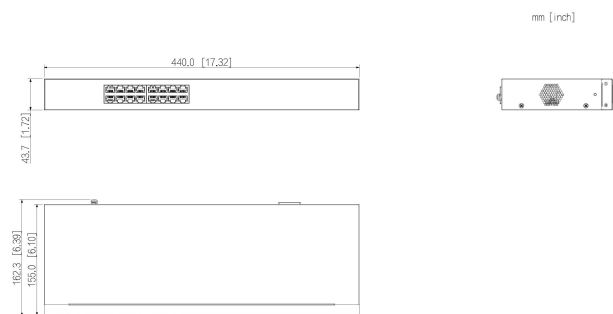| | |
|---|---|
| Layer | Layer 2 |
| Switching Capacity | 3.2 Gbps |
| Packet Forwarding Rate | 2.38 Mpps |
| Packet Buffer Size | 2 Mbit |
| Jumbo Frame | 2048 Byte |
| MAC Table Size | 8K Byte |
| Communication Standard | IEEE802.3; IEEE802.3u; IEEE802.3X |

### General

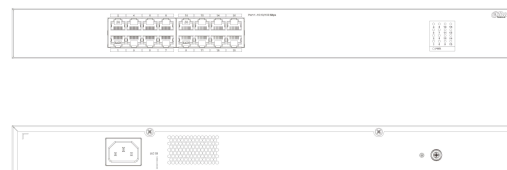| | |
|---|---|
| Statics Protection | Air discharge: 8 kV Contact discharge: 6 kV |
| Lighting Protection | Common mode: 2 kV Differential mode: 0.5 kV |
| Net Weight | 1.57 kg (3.46 lb) |
| Gross Weight | 2.49 kg (5.49 lb) |
| Product Dimensions | 440 mm × 155 mm × 43.7 mm (17.32" × 6.10" × 1.72") (L × W × H) |
| Packaging Dimensions | 523 mm × 273 mm × 109 mm (20.59" × 10.75" × 4.29") (L × W × H) |
| Casing Material | Iron |
| Installation | Desktop mount; rack mount |
| Certifications | CE |

## Ordering Information

| Type | Part Number | Description |
|---|---|---|
| Ethernet Switch | DH-SF1016 | 16-Port Unmanaged Ethernet Switch |

## Installation



## Dimensions (mm[inch])



## Panels