

# 24-Port Gigabit POE+ Ethernet Switch



## FEATURES

- Intelligent Plug and Play Ethernet Switch
- 24 x 10/100/1000Mbps RJ45 Ports (PoE++)  
Port 1–2 ≤90W, Port 3–24 ≤30W, Total ≤240W
- 2 x 10/100/1000Mbps RJ45 Ports (Uplink)
- 2 x 1000Mbps SFP Ports (Uplink)
- Long Distance PoE Transmission
- PoE Watchdog
- Operating Temperature: –10°C to 55°C

## FUNCTIONS

### Intelligent PoE

Switches support a power consumption management strategy to ensure stable operation under extreme circumstances.

### Hi-PoE 90W (Red ports)

The red ports support IEEE802.3af, IEEE802.3at, IEEE802.3bt and Hi-PoE standards, with a maximum output power consumption rate of 90W per red port. Suitable for powering Hi-PoE devices.

### 8-pin Assignment PoE Power Supply

Supports 8-pin simultaneous power supply (1/2/4/5 positive, 3/6/7/8 negative). Signal lines and idle lines supply power at the same time. Compatibility with IP Cameras are enhanced. Cable loss is reduced and loading capacity is increased.



Intelligent  
PoE



Hi-PoE 90W  
(Red Ports)



All-Gigabit  
Ports

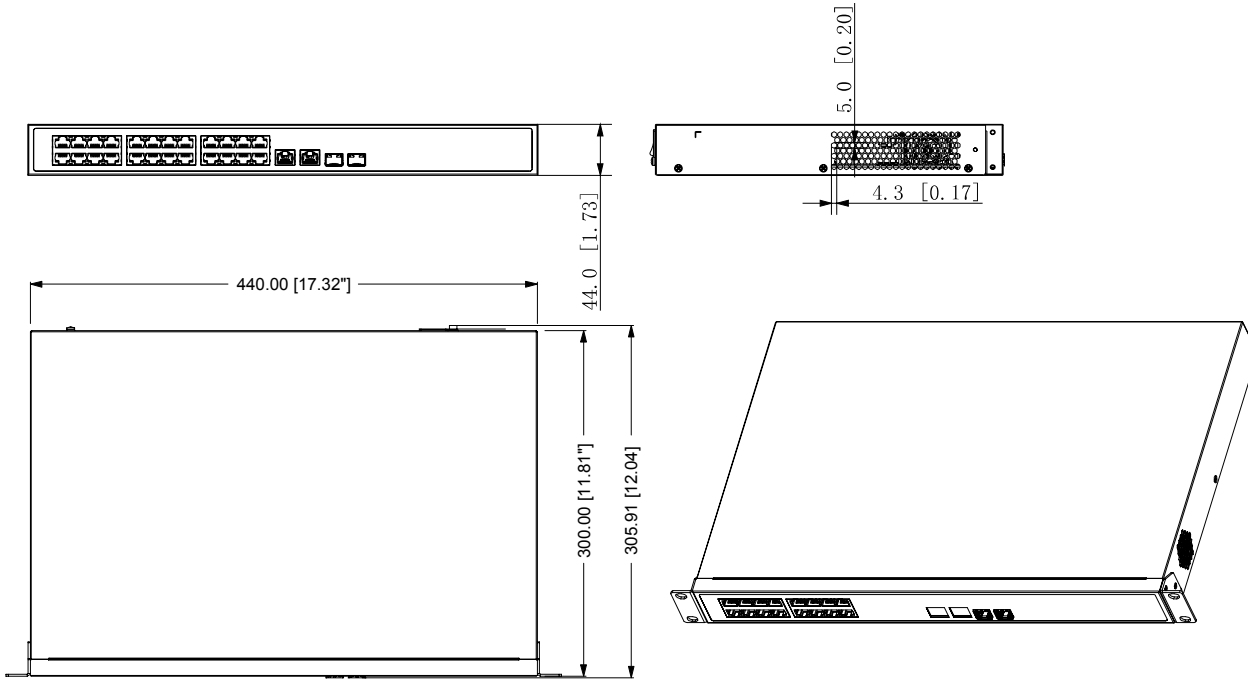


Wide Working  
Temperature

| PERFORMANCE             |  |
|-------------------------|--|
| Layer                   | Layer 2  |
| Managed                 | No   |
| Switching Capacity      | 52 Gbps  |
| Packet Forwarding Rate  | 29.76 Mpps                                     |
| Packet Buffer Memory    | 4 Mbit   |
| MAC Table Size          | 8K   |
| HARDWARE                |  |
| Data Transmission Ports | 1-24: 24 x RJ45 10/100/1000Mbps Ports          |
|                         | 25-26: 2 x RJ45 10/100/1000Mbps Ports (Uplink) |
|                         | 27-28: 2 x SFP 1000Mbps (Uplink)               |
| Power Supply            | 100-240V AC                                    |
| Operating Temperature   | -10°C to +55°C                                 |
| Operating Humidity      | 10%–90%  |

| POE                            |  |
|--------------------------------|--|
| PoE Budget                     | Port 1–2 ≤90W, Port 3–24 ≤30W, Total ≤240W                 |
| PoE Pin Assignment             | PoE/Hi-PoE: 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)               |
| PoE Power Management           | Yes  |
| Long Distance PoE Transmission | Yes  |
| Power Consumption              | Idling: 8W   |
|                                | Full load: 240W  |
| PoE Standard                   | IEEE802.3af, IEEE802.3at, Hi-PoE, IEEE802.3bt              |
| GENERAL                        |  |
| Rack Mountable                 | Yes  |
| ESD                            | Air discharge: 8kV   |
|                                | Contact discharge: 6kV                                     |
| Lightning Protection           | Common mode: 4kV   |
|                                | Differential mode: 2kV                                     |
| Product Dimensions (W x L x H) | 440mm x 300mm x 44mm (17.32" x 11.81" x 1.73")             |
| Communication Standards        | IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z |

### DIMENSIONS (mm [inch])



### PANELS

