

# 16-Port Gigabit PoE+ Ethernet Switch



## FEATURES

- Intelligent Plug and Play Ethernet Switch
- 16 x 10/100/1000Mbps RJ45 Ports (PoE++)  
Port 1–2 ≤90W, Port 3–16 ≤30W, Total ≤190W
- 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

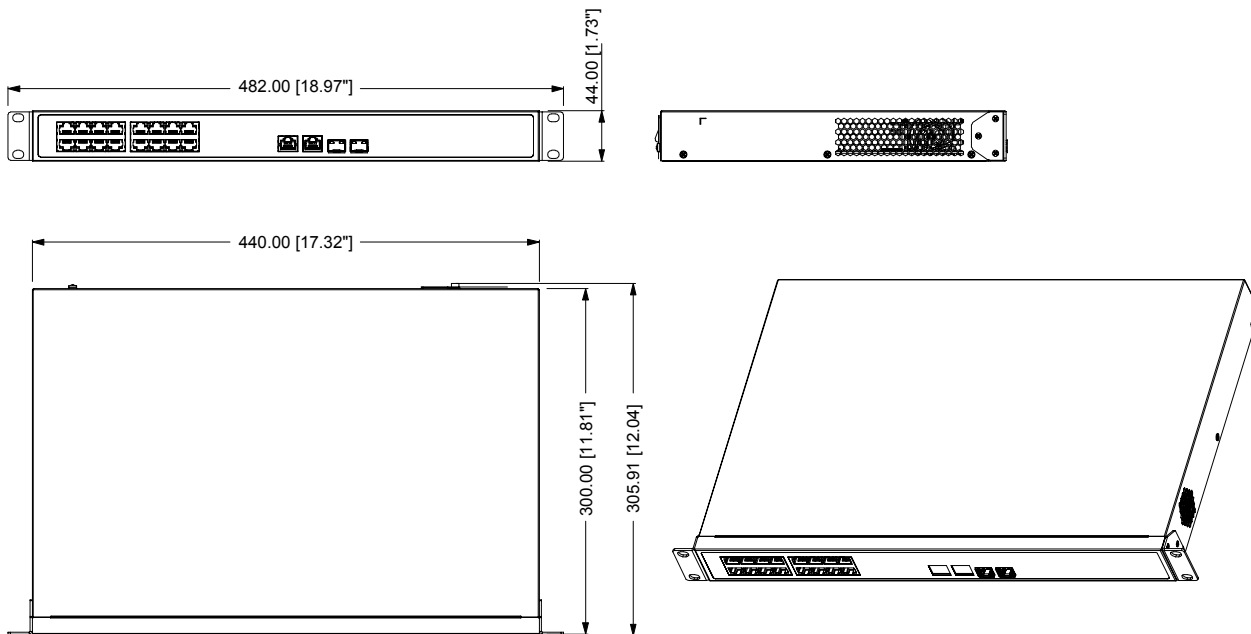


Wide Working  
Temperature

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	1-16: 16 x RJ45 10/100/1000Mbps Ports
	17-18: 2 x RJ45 10/100/1000Mbps Ports (Uplink)
	19-20: 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 3–16 ≤30W, Total ≤190W
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: 7W Full load: 190W
PoE Standard	IEEE802.3af, IEEE802.3at, Hi-PoE, IEEE802.3bt
GENERAL	
Rack Mountable	Yes
ESD	Air discharge: 8kV Contact discharge: 6kV
	Common mode: 4kV Differential mode: 2kV
Lightning Protection	
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

