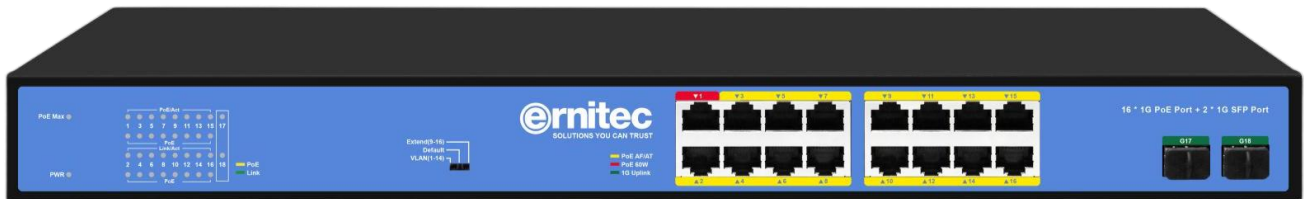


18-Port Gigabit PoE Switch



Product Highlights

- 16*1Gbps PoE ports+2*1Gbps SFP ports
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
- Ethernet Ports support 10/100/1000Mbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- Adopt a storage and forwarding exchange mechanism
- All ports support line speed switching
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Support three modes: VLAN, Default, and Extend
- PoE priority is enabled by default, with priority order from 1 to 14 ports
- Port 1 supports HiPoE 60W

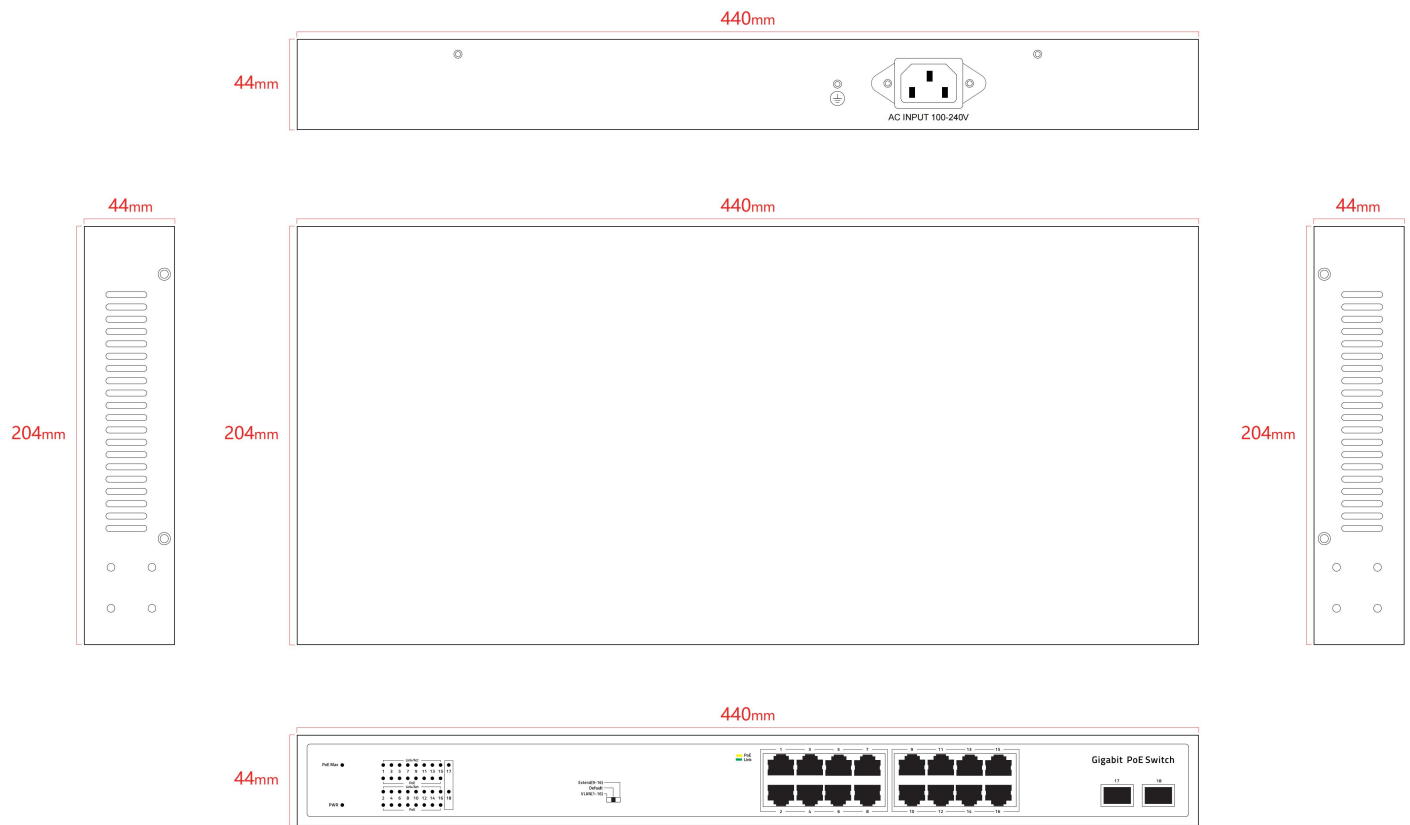
Hardware Features

Description	Specification
Model	ELECTRA-U16-1GB-285W
Interface	16*1Gbps PoE ports 2*1Gbps uplink SFP ports
Port Standard	IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE802.3i (10M Ethernet) IEEE802.3u (100M Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3z (Gigabit Ethernet Fiber Standard) IEEE 802.3x: Flow Control
Switching Bandwidth	36 Gbps
Packet Forwarding Rate	26.784Mpps
Packet Buffer	4Mbit
MAC Address Table	8K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 1 supports HiPoE 60W, Ports 2-16 PoE power output <30W
PoE Power Budget	285W
Power Supply	AC 100-240V 50/60Hz DC 52V 5.76A
Mainboard Power Consumption	11W
Structure Information	Product Dimensions: 440*204*44mm Packaging Dimensions: 500*290*85mm Product Net Weight: 2.74KG Product Gross Weight: 3.3KG
Packing Information	Carton Dimensions: 520*445*310mm Packing Quantity: 5PCS Packing Weight: 17.5KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs, Rack-mounting kit 1 pair
Fan Quantity	0
Installation	Desktop, Rack-mounting

Hardware Features

Description	Specification
Surge Protection	Port Surge: Common mode 4KV, Differential mode 2KV(Class B) Electrostatic ESD: Air 8KV, Contact 6KV (Class C)
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
Ports 1-18 Green LED	On: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Yellow LED	On: PoE powered on Off: PoE powered off
PoE Max Green LED	Off: Indicate that the PoE power usage is less than 90% Flashing(Once per second): Indicate that the PoE power usage of $90\% \leq P \leq 95\%$ On: Indicate that the PoE power is used at $95\% < P < 100\%$
VLAN/Default/Extend Modes Buttons	VLAN: VLAN mode, ports 1-14 are isolated from each other, communicating with ports 15-18 Default: Normal mode, all ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100//1000Mbps adaptive Extend: Extend mode, when the PoE port is in Extend mode, ports 9-16 force 10Mbps to extend the transmission distance to 250meters

Product Structure Diagram



Mounting ear diagram (Standard, support to install on the cabinet)

Unit of size: mm

