

Features:

- 16*1000Base T(X) fast Ethernet ports+2*1000Base FX SFP fiber ports.
- Support IEEE/802.3x full duplex flow control and Backpressure half duplex now control.
- No fan, low power consumption design.
- Wire speed forwarding capability of all ports make sure Of non-blocking message forwarding.
- Automatic MDI/MDI-X crossover for plug-and-play
- With pwer reverse polarity protection.
- Support full-loaded operating temperature range - 20 to 700C.
- 19' IU Rack Mount installation Store and forward mode
- Port base VLAN
- Supports MAC self-learning
- Automatic MDI/MDI-X configuration
- Steel case



Description:

A network switch is a computer networking device that connects devices together on a computer network by using packet switching to receive, process, and forward data to the destination device.

A network switch is a multiport network bridge that uses hardware addresses to process and forward data at the data link layer of the OSI model. Some switches can also process data at the network layer by additionally incorporating routing functionality.

This unmanaged 18 porty Ethemet switch provides 2* 1000Base FX SFP fiber optic ports and 16* 10/100/1000 Base T(X) Ethernet port. No fan, low power consumption design. This series's wide operating temperature range and port surge protection design are ideal for application in large flow real-time outdoor environment, and are widely used for occasions including enterprise, intelligent building, cafe, community access or gathering etc., and for industries like finance, education and government etc.



Technical Parameters:

• Standard	<ul style="list-style-type: none"> ➤ IEEE802.3 10BASE-T, ➤ IEEE802.3u 100BASE-TX/FX, IEEE802.3x
• Topology	<ul style="list-style-type: none"> ➤ STAR
• Interface	<ul style="list-style-type: none"> ➤ Gigabit Ethernet port: 10/100/1000Base-TX auto-adaptive RJ45 ➤ Gigabit Fiber port: 1000Base-X SFP port ➤ Power port: 100-240VAC power plug
• Switching Feature	<ul style="list-style-type: none"> ➤ Processing Type: Store & forward, wire speed switching ➤ Switching bandwidth: 52Gbps ➤ Packet forwarding speed: 26.78Mpps ➤ MAC Address: 8K ➤ Buffer Memory: 4.1Mbit SRAM
• Number of Ports	<ul style="list-style-type: none"> ➤ 16 Port 10/100Base-Tx ➤ 2 Port Fiber Optic
• Uplink Ports	<ul style="list-style-type: none"> ➤ None
• Transmission Rate	<ul style="list-style-type: none"> ➤ 10Mbps: 14880pps ➤ 100Mbps:148800pps
• Switching mode	<ul style="list-style-type: none"> ➤ Store and Forward
• Flow control mode	<ul style="list-style-type: none"> ➤ IEEE 802.3x full-duplex flow control and back pressure flow control
• LED Indicator	<ul style="list-style-type: none"> ➤ LED status of Link ➤ activity ➤ Full/half duplex ➤ speed ➤ power on diagnostic function
• Fiber Cables/Connectors	<ul style="list-style-type: none"> ➤ Single Mode/Multi Mode fiber cable ➤ SC, ST connector optional
• Mechanical	<ul style="list-style-type: none"> ➤ Casing: 19" 1U metal casing ➤ Dimension (L*W*H):440*225*44.5mm ➤ Installation:Rack Mount ➤ Weight:2.6kg
• Power supply	<ul style="list-style-type: none"> ➤ AC:220V or DC:-48V ➤ Input Voltage Range: 100-240VAC ➤ Idle Consumption: 0.31A @ 5VDC (MAX) ➤ Full -load Consumption: 1.87A @ 5VDC (MAX) ➤ Connection: power plug ➤ Protection: Overload current Protection; Reverse polarity protection
• Package Checklist	<ul style="list-style-type: none"> ➤ Ethernet switch ➤ Power wire unit ➤ Hardware installation guide (printed) ➤ Warranty Card
• Temperature	<ul style="list-style-type: none"> ➤ Operating Temperature : -20°C ~ +70°C ➤ Storage Temperature : -40°C to 85°C ➤ Relative Humidity: 5 ~ 95% , non-condensing ➤ Humidity: 5% to 95% RH

Installation steps:

Please follow those steps to install Ethernet Switches:

1. Check the connecting cable type for the Ethernet port. Twisted-pair wire should be made in accordance with standard ANST/TA/ETA-568A/B, With two wiring spec.: T568A or T568B.
2. Put one end of the Twisted-pair wire to the RJ45 port of the Ethernet switch. with the other end to the according network device.
3. Check whether the connector of fiber patch cords is in accordance with the optical port type of the Ethernet switch. And the patch cords must be the same mode (single or multi mode) as that of the Ethernet switch.
4. Connect fiber: Connect one end of the fiber to the TX port of the Transmitter (signal transmitting port), and the other end to the according optical RX port of the Receiver's (signal receiving port).

(Item 3,4 are for the device with fiber ports)

5. Connect the power.
6. Initialization: After power connected, all LED indicators will light up briefly and then all extinguish after 1-2 seconds except the power indicator stay lit. Now the device has been initialized.
7. Please check the working status according to the description of the LED indicators.