

16-Port/24-Port Gigabit Unmanaged Ethernet Switch

User Manual

Packing List

Please check the following items after unpacking, if any missing, please contact your local dealer.

Items	Quantity
Switch	1 pc
AC Power Cable	1 pc
Mounting Accessory	1 set
User Manual	1 pc

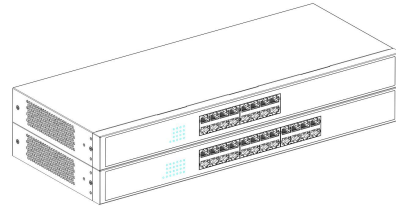
Product Overview

The product of this series is 16-Port/24-Port 10/100/1000Mbps Gigabit Unmanaged Ethernet Switch.

This series switches provide 16/24 10/100/1000Mbps Ethernet RJ-45 ports. It can be widely used in video security monitoring systems, network projects, etc.

This series contains two types:

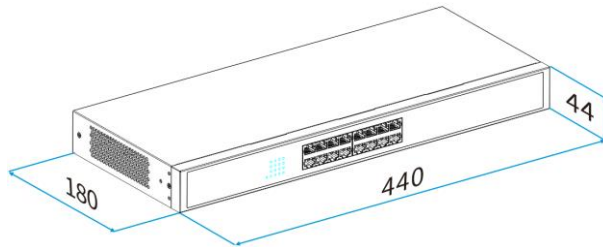
- UTP3316-M0: 16-Port Gigabit Unmanaged Ethernet Switch
- UTP3316-M0: 24-Port Gigabit Unmanaged Ethernet Switch



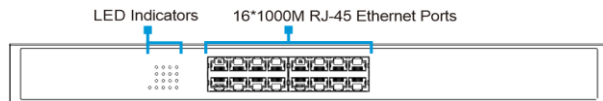
Appearances and Dimensions

16-Port Gigabit Unmanaged Ethernet Switch

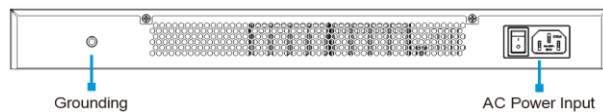
Dimensions (mm)



Front Panel



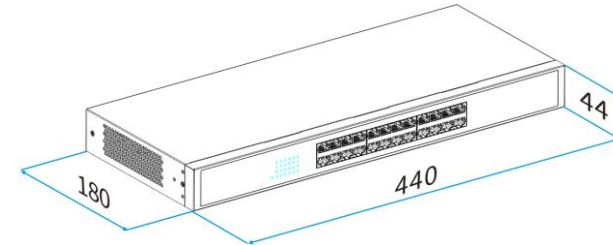
Rear Panel



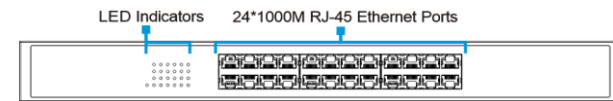
16-Port/24-Port Gigabit Unmanaged Ethernet Switch

24-Port Gigabit Unmanaged Ethernet Switch

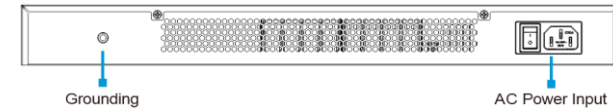
Dimensions (mm)



Front Panel



Rear Panel



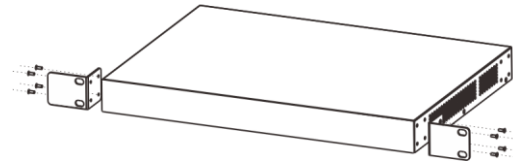
Indicators

Indicators		Status	Descriptions
Power	Power supply indicator	On	Power supply is on
		Off	Power supply is off.
Link/act	Ethernet ports link indicators	On	The port is linking normally.
		Blink	The port is transmitting or receiving data.
		Off	The port links down.

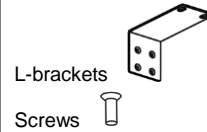
Installation Steps

- 1) Before installation, power off the equipment. Installation when device is powered on is prohibited.
- 2) The switch supports rack mounted and desktop installation. Following with the rack-mounted installation steps:

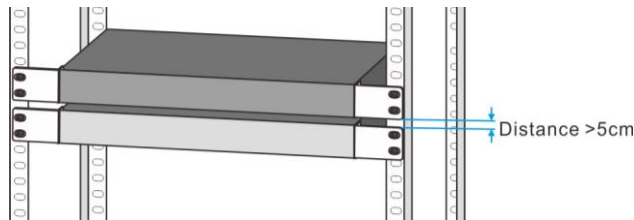
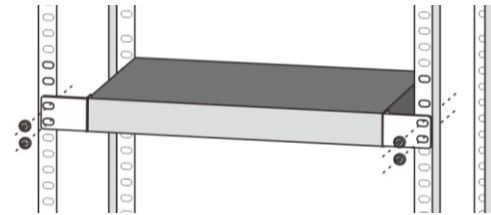
Step 1: Fix the hangers on the side of the switch.



Accessories



Step 2: Install the switch on the rack. The distance between the devices should be more than 5cm.



- 3) After step 2) is completed, please use Cat5 or better cables to connect the switch and the device.
- 4) Check the installation and the wiring, after confirming that the connection is correct and reliable, power on the switch.

The installation is completed.

CAUTION

- Power on the system only after confirming that the wiring is correct, to avoid damage to the equipment. It is recommended to use the power adapter and AC power cable to in the package to connect the power supply.
- For better transmission performance, it is recommended to use Cat5 or better cables to connect the switch and powered devices.
- For better protection performance, it is recommended always to make the ground connection first and disconnect it at the end when operating the device.
- Before operating or maintaining the switch, please read the user manual carefully to avoid equipment damage caused by misoperation.

Specifications

Items	16-Port Gigabit Unmanaged Ethernet Switch	24-Port Gigabit Unmanaged Ethernet Switch
Hardware Specifications		
Downlink Ports	16*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)	24*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)
Led Indicators	1*Power, power supply indicator	
	16*Link/Act Indicators	24*Link/Act Indicators
Dimensions (W*D*H)	440mm*180mm*44mm	
Input Voltage	100~240V AC, 50~60Hz	
Material	Metal shell	
Installation	Desktop/DIN-rail/wall mounted	
Switch Property		
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab	
Forwarding Modes	Store and Forward	
MAC Table	8k, support auto learning	
Switching Capacity	32Gbps / non-blocking	48Gbps / non-blocking
Packet Forwarding Rate	23.8Mpps	35.7Mpps
Reliability		
Lighting Protection	On power port: line to earth 6kV, line to line 4kV	
	On data port: line to earth 6kV	
Operating	-10°C~45°C, 10%~90% (Non-condensation)	
Storage	-40°C~70°C, 5%~90% (Non-condensation)	

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