ICS5000-C24GP4XS
Three layer Ethernet POE switch
Quick Installation Manual

【Package Checklist】

Please check the integrity of package and accessories while first using the switch.

1. One set of this switch
2. A pair of hanging ears
3. One power cord (for AC products only)
4. Two pairs of foot pads
5. N screws
6. Warranty Card
7. Certificate of Conformity

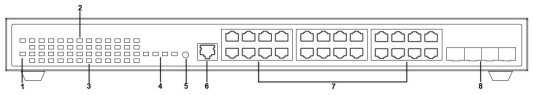
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP..

【Product Overview】

The product is a network managed Industrial Ethernet switch, and the model is ICS5000-C24GT4XS-N (24 gigabit PoE ports+4 10 gigabit SFP slots).

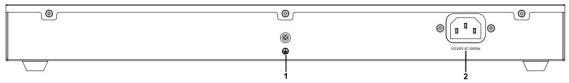
【Panel Design】

➢ **Front view**



1. PWR and RUN indicator lights
2. Electric port Link/Act indicator light
3. PoE indicator light
4. Light port Link/Act indicator light
5. Factory reset RESET key
6. CONSOLE port
7. 10/100/1000Mbps Gigabit RJ-45 PoE port
8. 1000/1000Mbps 10 Gigabit SFP slot

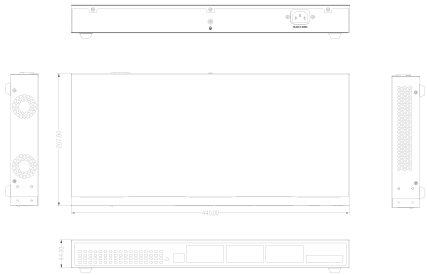
➢ **Rear View**



1. Grounding column
2. AC power supply

【Installation dimensions】

Unit: 440 * 208 * 44mm



Notice Before Mounting:

- Don't place or install the device in area near water or moist, keep the relative humidity of the device surrounding between 10%~90% without condensation.
- Before power on, first confirm the supported power supply specification to avoid over-voltage damaging the device.
- The device surface temperature is high after running; please don't directly contact to avoid scalding.

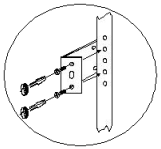
【Desktop Mounting】

Adopting rack mounted installation, the installation steps are as follows:

Step 1 Select the installation location of the equipment to ensure sufficient size.

Step 2 Install the hanging ear with screws to the device position shown in the following figure.

Step 3 Place the device in the rack and secure the left and right hanging ears to the rack with screws.



Step 4 Check and confirm that the product is reliably installed on the rack, and the installation is complete.

Note: The machine in this figure does not represent the actual ICS5000-C24GT4XS machine

【Disassembling Device】

Step 1 Equipment power outage.

Step 2 Use a screwdriver to loosen the screws fixed to the rack ears.

Step 3 Remove the device from the rack and complete the disassembly.

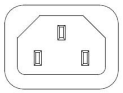
Notice before power on:

- Power on operation: First insert the power terminal of the power cord into the power interface of the device, and then plug in the power plug to power on.
- Power off operation: First unplug the power plug, and then remove the terminal wiring section. Please pay attention to the above operation

sequence.

【Connect the power supply】

➢ **Power Supply**



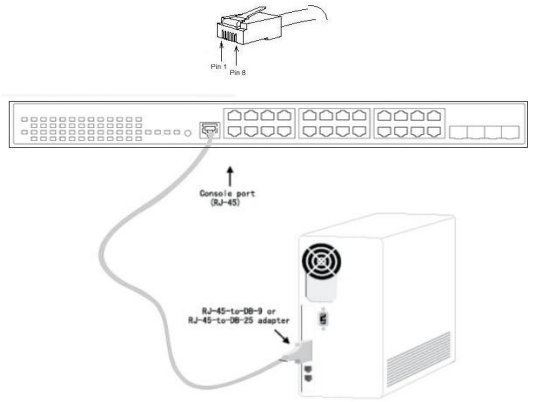
This device provides a single power access port, which comes with a switch.

Power range: 100-240VAC, 50Hz ± 10%

【Console Port Connection】

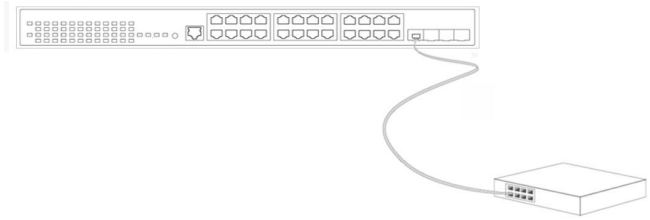
This device provides one program debugging port based on RS-232 serial port, which can be connected to a PC for device CLI command management. The interface adopts RJ45 interface, and the RJ45 pin definition is as follows:

Pin No.	3	4. 5	6
Pin Definition	TXD	SG	RXD



[Connect SFP interface]

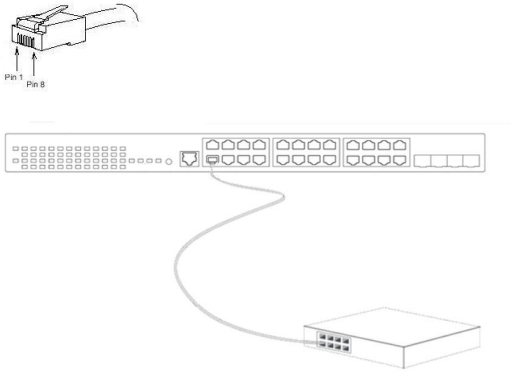
This device provides 4 10 Gigabit SFP slots, which can be inserted into SFP+modules before connecting to other Ethernet terminal devices through fiber optics.



【Connect PoE port】

This device provides 24 Gigabit 10/100/1000Base-T interfaces to connect other Ethernet terminal devices to UTP ports through direct or cross network cables. The UTP port pin numbering sequence is the same as the console port. The definition of gigabit RJ45 interface pins is as follows:

Pin No.	1	2	3	4	5	6	7	8
Pin Definition	TP 0+	TP 0-	TP 1+	TP 2+	TP 2-	TP 1-	TP3+	TP 3-



【Checking LED Indicator】

This device provides LED indicator lights to monitor the working status and comprehensively simplify troubleshooting. The detailed status of each indicator light is shown in the table below:

LED	indicate	Status Description
PWR	bright	The power connection is functioning normally
	Extermination	Power supply not connected or not functioning properly
RUN	flicker	The system is operating normally
	bright	The system is starting
	Extermination	System not connected or not functioning properly
LINK/ACT	flicker	Port has data transmission
	bright	The port has established a valid network connection
	Extermination	The port has not established a valid network connection
POE	flicker	Port PoE power supply short circuit or power supply current overload
	bright	PoE power supply is normal
	Extermination	PoE power supply abnormality

【Logging in to WEB Interface】

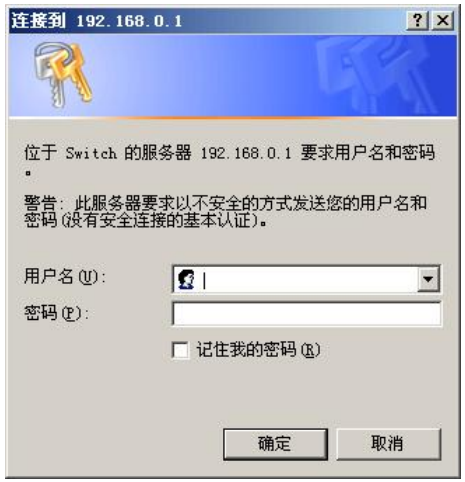
Support WEB management and configuration. Computer can access the device via Ethernet interface. The way of logging in to device's configuration interface via IE browser is shown as below:

Step 1 Configure the IP addresses of computer and the device to the same network segment, and the network between them can be mutually

accessed

Step 2 Enter device's IP address in the address bar of the computer browser:192.168.0.1.

Step 3 Enter device's username and password in the login window as shown below.



Step 4 Click "Login" button to login to the WEB interface of the device.

Note:

- The default IP address of the device is "192.168.0.1".
- The default user name and password of the device are "admin123".

Please refer to user manual for specific configuration method of logging in to WEB interface and other configurations about network management function.

【Specification】

panel	
10 Gigabit optical port	10GE SFP+(10 Gigabit Port) (10 Gigabit/Gigabit Adaptive)
Gigabit POE electrical port	1000Base-T interface
Console port	CLI command management port (RS-232), RJ45, speed 9600bps
Indicator light	Power indicator light, system indicator light, LINK/ACT indicator light, PoE indicator light
Exchange Properties	
exchange capacity	336Gbps
Packet forwarding rate	124Mpps
MAC capacity	16K
POE power	370W
Source	
Input power supply	100-240VAC, 50Hz ± 10%
Power dissipation	
Full load power	<400W
Work environment	
Working temperature/humidity	-10~50 ℃, 10%~90% (without condensation)
Storage temperature/humidity	-40~70 ℃; 5%~95% (without condensation)
Protection level	IP20 (metal casing)
Green and energy-saving	
support	IEEE 802.3az Green Energy Efficient Ethernet