ICS5000-E8GP2GS-PRO
Layer 2 Managed Ethernet Switch
Quick Installation Guide

【Package Checklist】

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

1. Switch × 1
2. 220VAC power cord x1 (220VAC AC products)
3. Warranty Card × 1
4. Certificate of conformity × 1

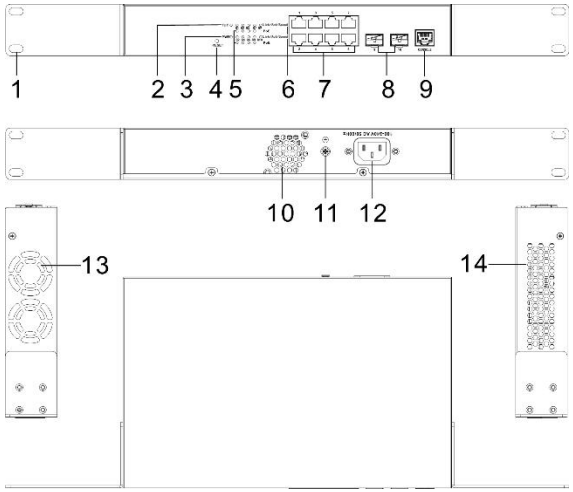
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP..

【Product Overview】

This product is a network managed Ethernet switch, model ICS5000-E8GP2GS-PRO-N (8-way Gigabit PoE port+2-way Gigabit SFP slot, 220VAC/DC (100-240VAC/DC) power input).

【Panel Design】

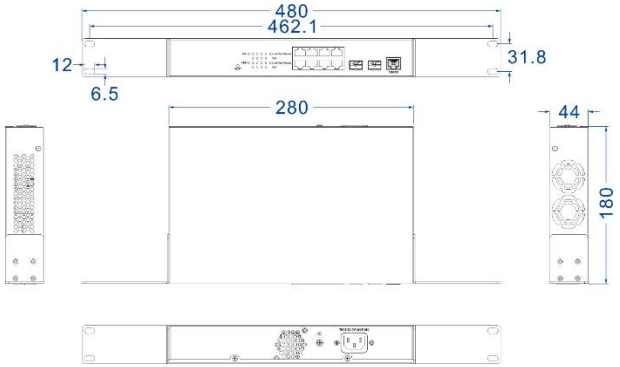
Front View, Rear View, Left View, Top View, and Right View



1. Rack hanging plate
2. Running indicator light (RUN)
3. Power indicator light (PWR)
4. Restore factory configuration (RESET)
5. PoE indicator light (PoE G1-G8)
6. Interface indicator light (Link/Act/Speed G1-G10)
7. Gigabit PoE port (PoE 1-8)
8. Gigabit SFP slots (9-10)
9. CONSOLE port
10. Rear cooling hole (built-in fan)
11. Grounding screw (M4)
12. Power input socket (220VAC/DC)
13. Left heat dissipation hole
14. Right heat dissipation hole

【Mounting Dimension】

Unit: mm.



Notice Before Mounting:

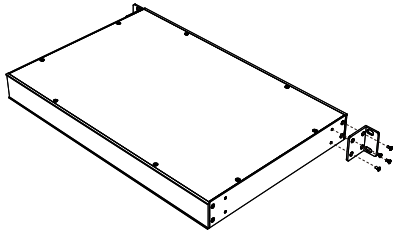
- Don't place or install the device in area near water or moisture, keep the relative humidity of the device surrounding between 5%~95% without condensation.
- Before powering on the device, check the power specifications supported by the device to prevent device damage due to overvoltage.
- The device surface temperature is high after running; please don't directly contact to avoid scalding.

【Install Rack-mounted Device】

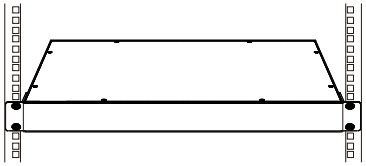
Model VIII, and IV adopt rack-mounting, and the mounting steps are as follows:

Step 1 Select the device mounting location to ensure enough size.

Step 1 Adopt 4 bolts to install the mounting lugs in the device position as figure below.



Step 2 Place the device in the rack; adopt 4 bolts to fix two sides mounting lugs in the rack.



Step 3 Check and confirm the product is mounted firmly on the rack, then mounting ends.

【Disassembling Device】

Step 1 Power off the device.

Step 2 Adopt screw driver to loosen the 4 bolts fixed on the mounting lugs in the rack.

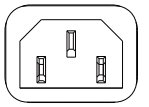
Step 3 Shift out the device from rack, then disassembling ends.

Notice Before Powering on:

- Power ON operation: First insert the power supply terminal block into the device power supply interface, and then plug the power supply plug and power on.
- Power OFF operation: First, remove the power plug, then remove the wiring section of terminal block. Please pay attention to the above operation sequence.

【Connect the power supply】

➢ **220VAC**



Supports 220VAC/DC AC input, using three-phase power sockets.
Power range: 100-240VAC/DC.

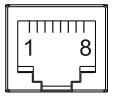
【Reset Button Setting】

Provide 1 RESET button that can be used to reboot the device and restore factory defaults. Press the RESET button for 1s and release it, and the device will restart automatically; Press and hold the RESET button for 3~4s and release it, and the device will automatically restore the factory defaults.

【Safety Lock Hole (LOCK)】

Support a safety lock hole of 7 * 3mm, which can be used in conjunction with anti-theft safety locks. The safety lock needs to be purchased separately.

【Console Port Connection】



Provide 1 program debugging port based on RS-232 serial port which can conduct device CLI command management after connecting to PC. The interface adopts RJ45 port, the RJ45 pin definitions are as follows:

Pin No.	2	3	5
Definition	TXD	RXD	GND

【Checking LED Indicator】

Provide LED indicators to monitor its operating status, which has simplified the overall troubleshooting process. The function of each LED is described in the table below:

LED	indicate	Status Description
⏻PWR	ON	Power supply is running normally
	OFF	Power supply is disconnected or running abnormally
SFP port indicator light (9-10)	ON	Port link has alarm
	OFF	Port link has no alarm or the alarm is not enabled
RUN	Blinking	Blinking 1 time per second, system is running normally
	OFF	The device is powered off or the device is abnormal.
Link/Act/Speed	ON	Ethernet port has established a valid network connection
	Blinking	Ethernet port is in an active network status
	OFF	Ethernet port has not established valid network connection
PoE 1-8	ON	POE port is powering other PD devices normally
	OFF	POE is disabled or disconnected

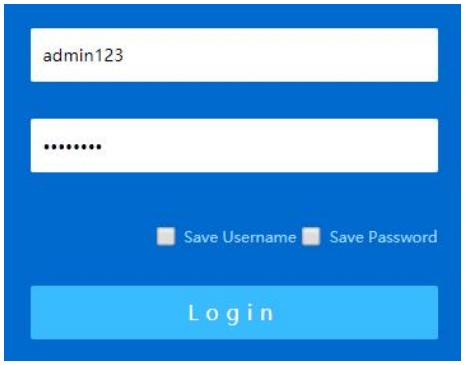
【Logging in to WEB Interface】

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

Step 4 Configure the IP addresses of computer and the device to the same network segment, and the network between them can be mutually accessed.

Step 5 Enter device's IP address in the address bar of the computer browser.

Step 6 Enter device's username in the login window as shown below.



Step 7 Click "Login" button to login to the WEB interface of the device.

Note:

- The default IP address of the device is "192.168.1.254".
- The default username and password of the device are "admin123".
- If the user name or password is lost, user can restore it to factory settings via RESET button or management software; all modified configurations will be cleared after restoring to factory settings, so please backup configuration file in advance.
- Please refer to user manual for specific configuration method of logging in to WEB interface and other configurations about network management function.

【Specification】

Panel	
Gigabit PoE	10/100/1000Base-T (X), RJ45, automatic flow rate control, full/half duplex mode adaptation, MDI/MDI-X automatic detection; Single port can support IEEE802.3af standard PoE output power of 15.4W, and IEEE802.3at standard PoE+output power of 30W; PoE power supply pins: V+, V+, V -, V - corresponding to pins 1, 2, 3, and 6
Gigabit SFP	1000Base X SFP slot
CONSOLE port	CLI command line management port (RS-232), RJ45
Indicator light	Power indicator light, alarm indicator light, operation indicator light, interface indicator light, PoE indicator light
Exchange Properties	
Backplane bandwidth	20G
Cache size	4.1Mbit
MAC Address Table	8K
Source	
Power input	220VAC/DC (100-240VAC/DC) Three phase power socket input
Power Dissipation	
Empty	5.9W@220VAC
Full load	156.5W@220VAC
Work environment	
Working temperature	-10~45 ℃
Storage temperature	-45~70 ℃
Working humidity	5%~95% (without condensation)

Protection level	IP20 (metal casing)
Protection grade	IP20(metal shell)

【Disposal of Waste Electrical and Electronic Equipment (WEEE 2012/19/EU)】

(Applicable in the EU-member states)

The crossed-out wheeled bin symbol on the equipment or its packaging indicates that the product, at the end of its service life, shall not be mixed with unsorted municipal waste but should be collected separately, in accordance with local laws and regulations.

A proper separate collection of end-of-life equipment for the subsequent recycling, treatment and environmentally compatible disposal, will help prevent potential damage to the environment and human health, facilitating the reuse, recycling and/or recovery of its component materials.

Private users should contact their vendor or municipal waste management service and ask for disposal information.

Professional users should contact their suppliers and check the terms of their selling agreement.

This product must not be disposed of with other commercial waste.

Users' cooperation in the correct disposal of this product will contribute to saving valuable resources and protecting the environment.