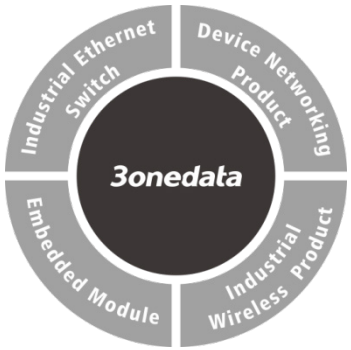
3onedata
Make network communication more reliable

ES1300 Series
Unmanaged Ethernet Switch
Quick Installation Guide



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【Package Checklist】

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

1. Industrial Ethernet switch
2. Foot pad x4
3. Power line x1
4. Certificate
5. Warranty card

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

【Product Overview】

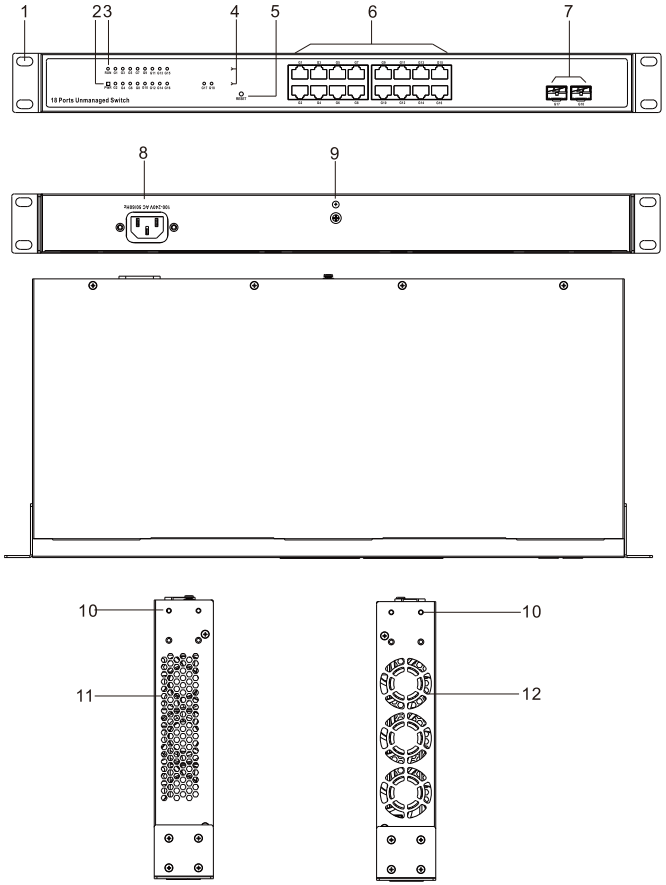
This series of product is Gigabit unmanaged rack-mounted Ethernet switch. For convenience, the products of this series adopt the following number on the left in this guide, please confirm the number of your product.

Model I. ES1300-16GT2GS-HV (16 Gigabit copper ports + 2 Gigabit SFP slots, 220VAC/DC power input)

Model II. ES1300-24GT2GS-HV (24 Gigabit copper ports + 2 Gigabit SFP slots, 220VAC/DC power input)

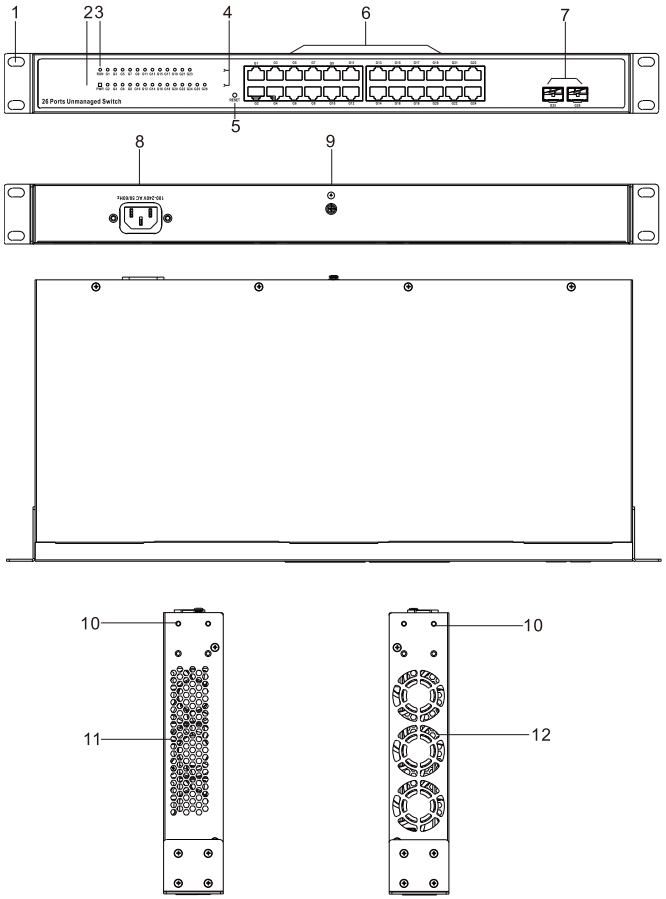
【Panel Design】

➢ **Model I: front view, rear view, top view, left view, and right view**



1. Rack mounting bracket
2. Power supply indicator PWR
3. Running indicator (RUN)
4. Interface indicator (G1-G18)
5. RESET
6. Gigabit copper port (G1-G16)
7. Gigabit SFP slot (G17-G18)
8. Power supply input socket (220VAC/DC)
9. Grounding screw (M4)
10. Wall-mounting location hole
11. Right ventilation hole
12. Left ventilation hole

➢ **Model II: front view, rear view, top view, left view, and right view**



1. Rack mounting bracket
2. Power supply indicator PWR
3. Running indicator (RUN)
4. Interface indicator (G1-G26)
5. RESET
6. Gigabit copper port (G1-G24)

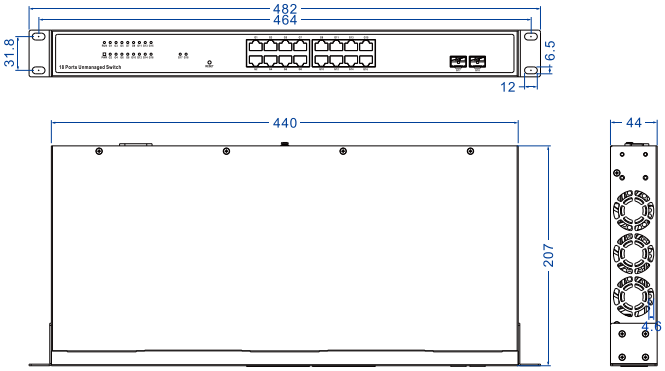
7. Gigabit SFP slot (G25-G26)
8. Power supply input socket (220VAC/DC)
9. Grounding screw (M4)
10. Wall-mounting location hole
11. Right ventilation hole
12. Left ventilation hole

【Mounting Dimension】

Unit: mm

Note:

All products in this series have the same installation size.



Notice before Mounting:

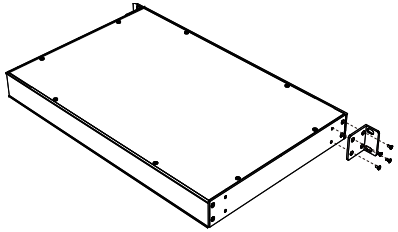
- Don't place or install the device in area near water or moisture, keep the relative humidity of the device surrounding between 5%~95% without condensation.
- Before powering on the device, check the power specifications supported by the device to prevent device damage due to overvoltage.
- The device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

【Install Rack-Mounted Device】

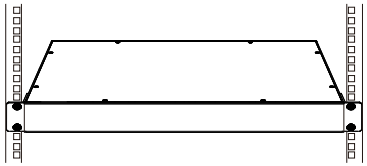
This series of product adopts rack-mounting, mounting steps are as follows:

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

Step 2 Adopt 4 bolts to install the mounting lugs in the device position as figure below.



Step 3 Place the device in the rack; adopt 4 bolts to fix two sides mounting lugs in the rack.



Step 4 Check and confirm the product is mounted firmly on the rack, then mounting ends.

【Disassembling Device】

Step 1 Power off the device.

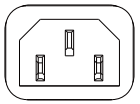
Step 2 Adopt screw driver to loosen the 4 bolts fixed on the mounting lugs in the rack.

Step 3 Shift the device away from the 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.

【Power Supply Connection】



Model I and II support 220VAC input and use three-phase power sockets.

Power supply range: 100~240VAC/DC.

【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	Description
PWR	ON	Power is connected and running normally
	OFF	Power supply is disconnected or running abnormally
RUN	ON	The device is powering on or the device is abnormal.
	OFF	The device is powered off or the device is abnormal.
	Blinking	The device is running normally
LINK G1-G24/26	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

【Specification】

Panel	
Gigabit copper port	10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode Self-adapting, MDI/MDI-X Autotunning
Gigabit SFP	1000Base-X SFP slot
Indicator	Power indicator, Interface indicator, RUN indicator
Switch Property	
Backplane bandwidth	56G
Cache size	4.1Mbits
MAC address table	8K
Power Supply	
Power supply range	220VAC(100~240VAC/DC)

Input terminal	Three-phase power socket
Power Consumption	
Model I	No-load: 3W@220VAC Full-load: 10W@220VAC
Model II	No-load: 5.5W@220VAC Full-load: 15.5W@220VAC
Working Environment	
Working temperature	-10~45℃
Storage temperature	-10~45℃
Working humidity	5%~95% (no condensation)
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.