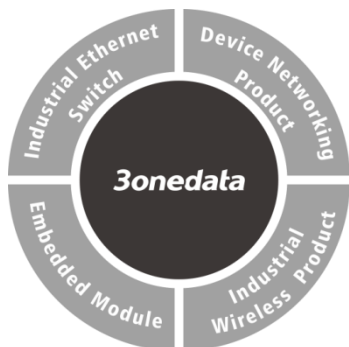


ES1016 Unmanaged Ethernet Switch Quick Installation Guide



3onedata Co., Ltd.

Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

Website: www.3onedata.com
Tel: +86 0755-26702688
Fax: +86 0755-26703485

【Package Checklist】

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

- | | |
|-----------------------------------|-------------------|
| 1. Industrial Ethernet switch X 1 | 2. Terminal block |
| 3. Power line | 4. Certification |
| 5. Quick installation guide | 6. 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 products are 16-port 100M rack-mounted unmanaged Ethernet switches. Model is: ES1016 (16 100M copper ports)

【Panel Design】

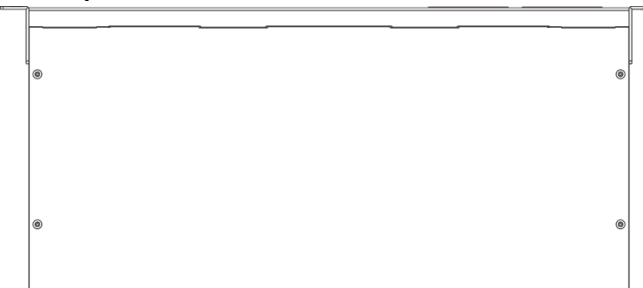
➤ **Front view**



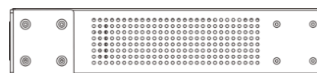
➤ **Rear view**



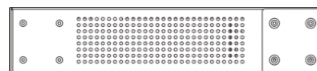
➤ **Top view**



➤ **Left view**



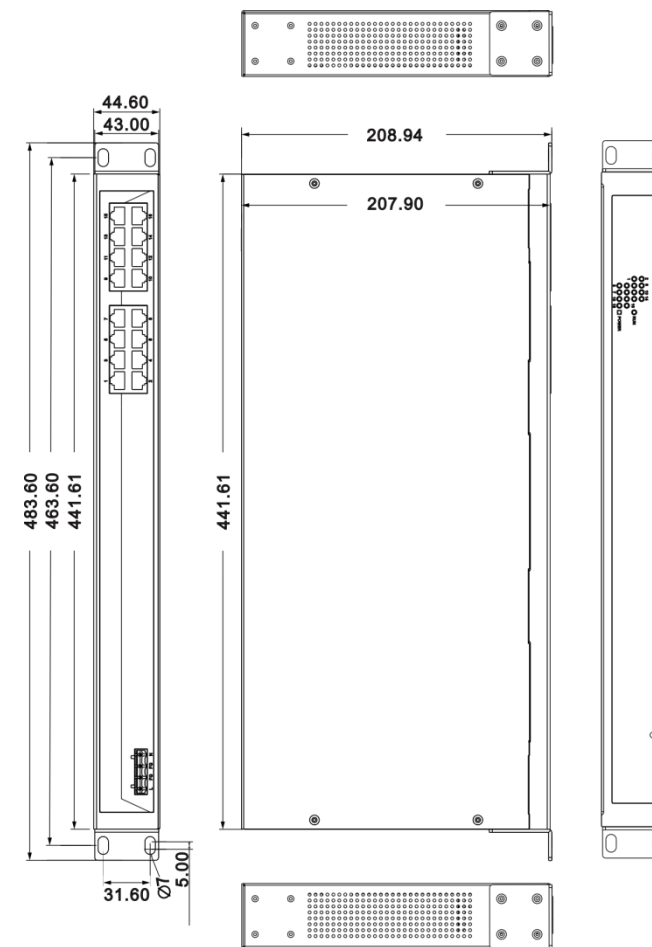
➤ **Right view**



1. Port indicator
2. Power supply input status indicator PWR
3. Device running status indicator RUN
4. Rack mounting lug
5. Power input terminal block
6. 100M copper port

【Mounting Dimension】

Unit: mm



Attention before mounting:

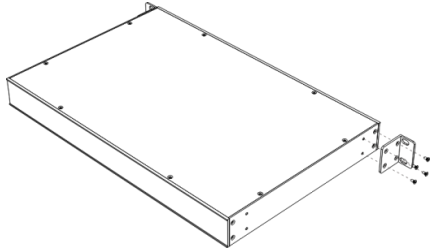
- Don't place or install the device in moist area or near water, keep the relative humidity of the device surrounding between 5%~95% without condensation.
- Before power on, first confirm the supported power supply specification to avoid over-voltage damaging the device.
- The device surface temperature is high after running, please don't directly contact to avoid scalding.

【Installation of Rack-mounted Device】

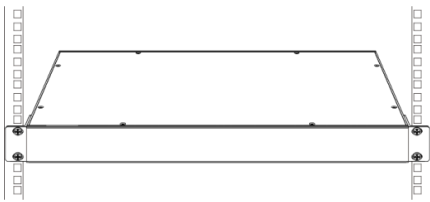
Step 1 Select the device installation location to reserve

sufficient size.

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



Step 3 Place the device in the rack, adopt 4 screws to install the mounting lugs on the left and right side in the rack.



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

【Rack-mounting Device Disassembling】

Step 1 Power off the device.

Step 2 Unscrew the fixing screw of mounting lug on the rack.

Step 3 Remove the device from the rack, disassembling ends.

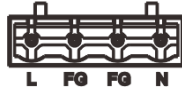


Attention before power on:

- Power ON operation: First insert the power supply terminal block into the device power supply interface, and then plug the power supply plug contact and power on.
- Power OFF operation: First unpin the power plug, and then remove the wiring part of terminal block, please pay attention to the operation order above.

【Power Supply Connection】

➤ AC power supply



This series of devices provide 4-pin terminal blocks. The pins of terminal from the left to the right are L, FG, FG, N. The power supply range: 100~240VAC/DC.

【Checking LED Indicator】

The device provides LED indicators to monitor the device working status with a comprehensive and simplified troubleshooting; the function of each LED is described in the table as below:

LED	Status	Description
POWER	ON	Power supply is connected and running normally
	OFF	Power supply is disconnected or running abnormally.
RUN	ON	The device is powering on or abnormal
	OFF	The device isn't powered on or is abnormal
	Blinking	Flash 1 time per second, the device is running normally.
Link/Act (1-16)	ON	Ethernet port connection is active.
	Blinking	Ethernet port is in network active status
	OFF	Ethernet port connection is inactive

【Specification】

Panel	
100M copper port	10/100Base-T(X), RJ45 port, automatic flow control, half/full duplex self-adaption, MDI/MDI-X self-adaption
Indicator	Power supply indicator, run indicator, interface indicator
Exchange Attributes	
Backplane bandwidth	12.8G
Packet buffer size	2.5Mbit
MAC table size	8K

Power supply	
Input power supply	100~240VAC/DC
Access terminal	4-pin terminal blocks
Consumption	
No-load	4.2W @220VAC
Full-load	6.7W @220VAC
Environmental Limits	
Working temperature	0~70℃
Storage temperature	-40~75℃
Working humidity	5%~95% (no condensation)
Protection grade	IP30 (metal shell)