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Make network communication more reliable

IES215-1GX-4G
Unmanaged Industrial 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. Lugs
3. RJ45 network cable
4. Warranty card
5. Certification

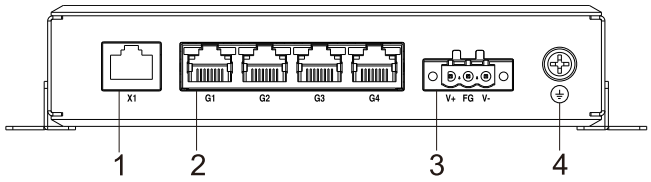
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP.

【Product Overview】

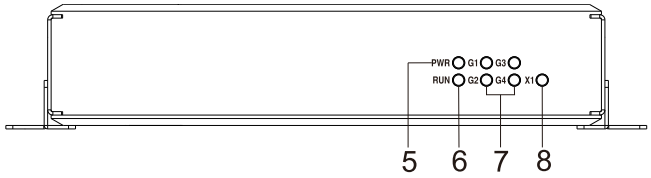
This product is 10Gigabit unmanaged wall-mounting industrial Ethernet switch. Models as follows: IES215-1GX-4G (1 10Gigabit copper port + 4 Gigabit copper ports)

【Panel Design】

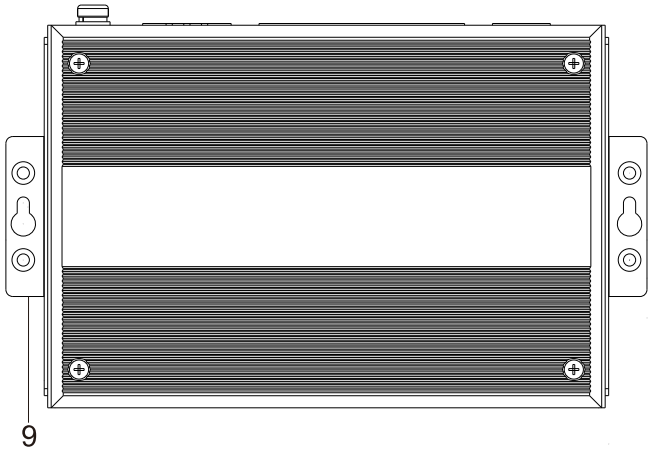
➢ **Front View**



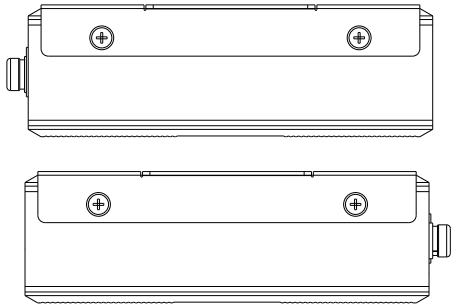
➢ **Rear View**



➢ **Top view**



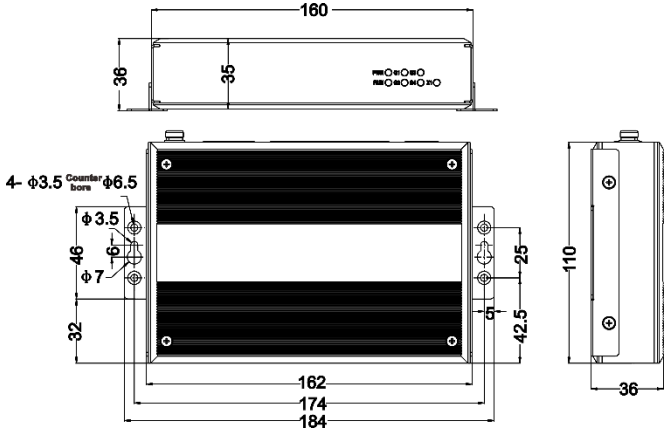
➢ **Left view, right view**



1. 10Gigabit copper port
2. Gigabit copper port
3. Terminal block for power input
4. Grounding screw
5. Power indicator
6. Running indicator
7. Gigabit Ethernet indicator (G1-G4)
8. 10Gigabit Ethernet indicator (X1)
9. Lugs

【Mounting Dimension】

Unit: mm

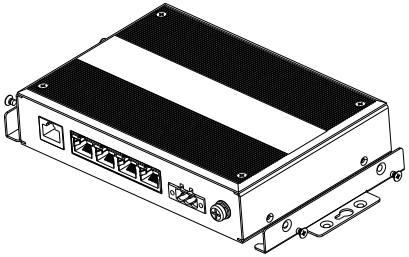


Notice Before Mounting:

- Don't place or install the device in area near water or moist, keep the relative humidity of the device surrounding between 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.

【Wall-mounted Device Mounting】

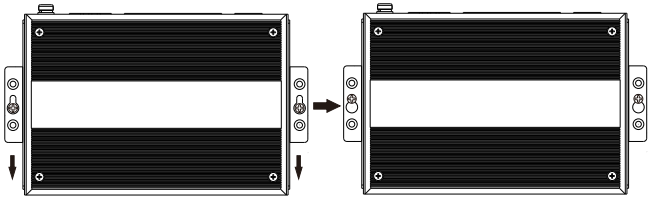
Step 1 Adopt M3 screw to install the left/right lugs on the left/right side of the device backboard.



Step 2 On the wall of device mounting, place the device on the wall for reference or refer to the mounting dimension to mark two screw positions.

Step 3 Nail M3 screws on the wall and keep 2mm interspace reserved.

Step 4 Hang the device on two screws and slide downward, then tighten the screw to enhance stability, mounting ends.



【Wall-mounted Device Disassembling】

Step 1 Power off the device.

Step 2 Unscrew the screw on the wall about 2mm.

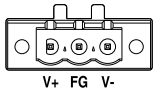
Step 3 Lift the device upward slightly; take out the device, disassembling ends.

Notice before power on:

- Power ON operation: First insert the power supply terminal block into the device power supply interface, then plug the power supply plug contact 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】

The device provides 3-pin power supply input terminal blocks



and supports 1 DC power supply input which supports anti-reverse connection and overload protection. Voltage range: 24VDC (12~36VDC)

【Checking LED Indicator】

The device provides 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	PWR is connected and running normally
	OFF	PWR is disconnected or running abnormally
RUN	Blinking	The system is running normally
	OFF	The system is not running or running abnormally
	ON	System is running abnormally
Link/Act (X1, G1-G4)	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	
10Gigabit copper port	100/1000/10000BASE-T (10Gigabit port) (10Gigabit/Gigabit/100M self-adaption)
Gigabit copper port	10/100/1000Base-T(X) self-adapting RJ45 port, half/full duplex self-adaption or forced working mode, support MDI/ MDI-X self-adaption
Indicator	Power indicator, running indicator, interface indicator
Switch Property	
Backplane bandwidth	28G
Packet buffer size	2Mbit
MAC Address Table	16K
Power Supply	
Power range	24VDC（12~36VDC）
Access terminal block	3-pin 5.08mm pitch terminal block
Power Consumption	
No-load	3.6W@24VDC
Full-load	7.7W@24VDC
Working Environment	
Working temperature	-40~75℃
Storage temperature	-40~85℃
Working humidity	5%～95% (no condensation)
Protection grade	IP30(metal shell)