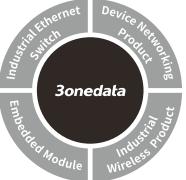
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3onedata

IES2005-5T-P48 **Unmanaged Industrial Ethernet** Switch Quick Installation Guide



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[Package checklist]

Please check whether the package and accessories are intact while using the switch for the first time.

- Industrial Ethernet switch 1.
 - 2. 4.

Certification

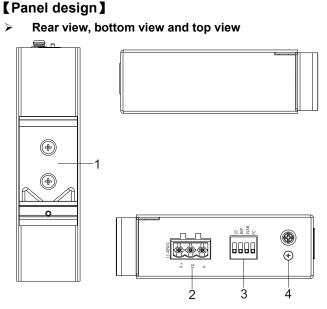
Warranty card

- 3. Quick installation guide 5.
 - **DIN-Rail mounting attachment**

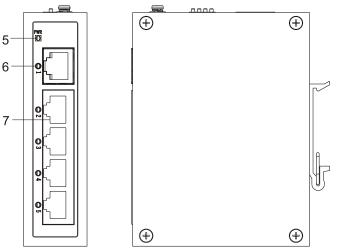
If any of these items are damaged or lost, please contact our company or dealers, we will solve it ASAP.

[Product Overview]

This product is full 100M unmanaged DIN-Rail industrial Ethernet switch. The model is IES2005-5T-P48 (5 100M copper ports + 1 12~48VDC power supply)



Front view and side view



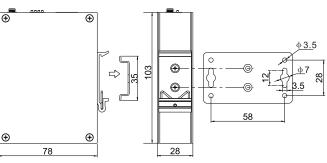
- **DIN-Rail mounting kit**
- 2. Power supply input terminal block
- 3. DIP switch

1.

- 4. Grounding screw
- 5. Power supply input status indicator PWR
- 6. Copper port connection indicator
- 7. 100M Ethernet copper port

[Mounting Dimension]

Unit: mm

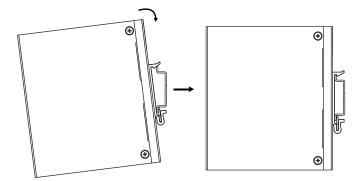


Attention before mounting:

- 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.

[DIN-Rail Mounting]

For convenient usage in industrial environments, the product adopts 35mm DIN-Rail mounting, mounting steps as below:



- Check whether the DIN-Rail mounting kit that Step 1 comes with the device is installed firmly.
- Step 2 Insert the bottom of DIN-Rail mounting kit (one side with spring support) into DIN-Rail, and then insert

the top into DIN-Rail.

Tips:

Insert a little to the bottom, lift upward and then insert to the top.

Step 3 Check and confirm the product is firmly installed on DIN-Rail, and then mounting ends.

[Disassembling DIN-Rail]

- Step 1 Power off the device.
- Step 2 After lift the device upward slightly, first shift out the top of DIN-Rail mounting kit, and then shift out the bottom of DIN-Rail, disassembling ends.

Attention before powering on:

- Power ON operation: first connect power line to the connection terminal of device power supply, and then power on.
- Power OFF operation: first unpin the power plug, and then remove the power line, please note the operation order above.

[Power Supply Connection]

DC power supply



This series provide 3-pin 5.08 pitch power input terminal blocks. Power supply range: 12~48VDC

It provides 4-pin DIP switch for function settings,

[DIP Switch Settings]



among which "ON" is enable valid end.

The definitions of DIP switch are as follows:

DIP	Definition	Operation
1	Loop detection	Set the DIP switch to ON to
		enable the loop detection
		function.
2	Storm suppression	Set the DIP switch to ON to
		enable the storm suppression
		function.
3	One-key VLAN	Set the DIP switch to ON to

DIP	Definition	Operation
		enable VLAN function, port 1
		can communicate with other
		ports, while other ports are
		isolated from each other.
4	Flow control	Set the switch to ON to enable
		the flow control function

【Checking LED Indicator】

The function of	each LED i	s described in the table as below:

LED	Status	Description
	ON	Power supply is connected and
PWR		running normally
PWK	OFF	Power supply is disconnected
		and running abnormally.
	ON	Ethernet port connection is
		active.
Link/ACT	Blinking	Data transmitted
(1-5)	OFF	Ethernet port connection is
		inactive.

[Specification]

Panel	
	10/100Base-T(X) self-adapting
100M connor port	RJ45 port, full/half duplex
100M copper port	self-adaption, support
	MDI/MDI-X self-adaption
Indicator	Power indicator, interface
Indicator	indicator
Exchange attributes	
Backplane bandwidth	1G
MAC table size	2К
Power supply	
Input power supply	12~48VDC
	3 pins 5.08mm pitch terminal
Access terminal	blocks
Access terminal	Support anti-reverse connection
	and over-current protection
Consumption	

No-load	0.4W@24VDC
Full-load	1.0W@24VDC
Environmental Limits	
Working temperature	-40~75℃
Storage temperature	- 40~85 ℃
Working humidity	5%~95% (no condensation)
Protection grade	IP40 (metal shell)