

RPT-1006G-1F-T-X6HR | 6 Port Industrial Unmanaged Gigabit Switch



FEATURES

- 5* 10/100/1000 Base-TX port
- 1* 100/1000 BaseX SFP slot
- 12~55 VDC dual power inputs or single DC 2.1mm connector
- Dip switch functions:
 1. V: VLAN mode, Isolated Port1~4
 2. G: Default mode, 100 meters transmission distance
 3. E: Port1~4, 250m with 10Mbps
- Port Surge Protection: Common mode 4KV; ESD: Air-8KV, Contact-6KV
- IP30 Din-rail / Wall-mounting
- Operating temperature -40~75 degree C

DESCRIPTION

RPT-1006G-1F-T-X6HR series has 5* 10/100/1000 Base-TX RJ-45 ports and 1* 100/100 Base-X SFP slot. It designs to work in the industrial environment, compliant with CE, FCC, and RoHS standards. RPT-1006G-1F-T-X6HR supports 48~55 VDC power sources dual inputs through 4-pin terminal block or single DC 2.1mm connector.

It's designed with super slim and compact size. The dimension of RPT-1006G-1F-T-X6HR is 30(W)*87(D)*120(H) mm. Its compact size makes it a good fit for the factory automation and industrial control application.

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SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100BaseTX Fast Ethernet
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000Base-X Gigabit Fiber
	IEEE 802.3x Full-Duplex Flow Control
Bandwidth	12Gbps
Memory Buffer	1Mbits
Packet forwarding rate	8.928Mpps
MAC table	2K
Transmission Method	Store and Forward
Interface	
RJ-45 Ports	5* 10/100/1000 Base-TX auto negotiation speed
	Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators	PWR(Power indicator) Green: On/Off; Power On / Power Off
	Copper ports Green: On/Off/Flashing; link-normal / link-down/ data transmitting
DIP switch	<ul style="list-style-type: none"> V(VLAN mode): Isolated Port1~4 G(Default): Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100/1000Mbps adaptive E(Extend): Extend mode, 1-4 port data transmission distance can be extended to 250 meters, transmission speed is 10Mbps
Power	
Input	12~55 VDC, dual inputs
	a. 4-pin industrial terminal(redundant V1+V1-, V2+V2-) b. DC 2.1mm socket DC 2.1 cannot be combined with V1, V2 used simultaneously
Consumption	4.96 W

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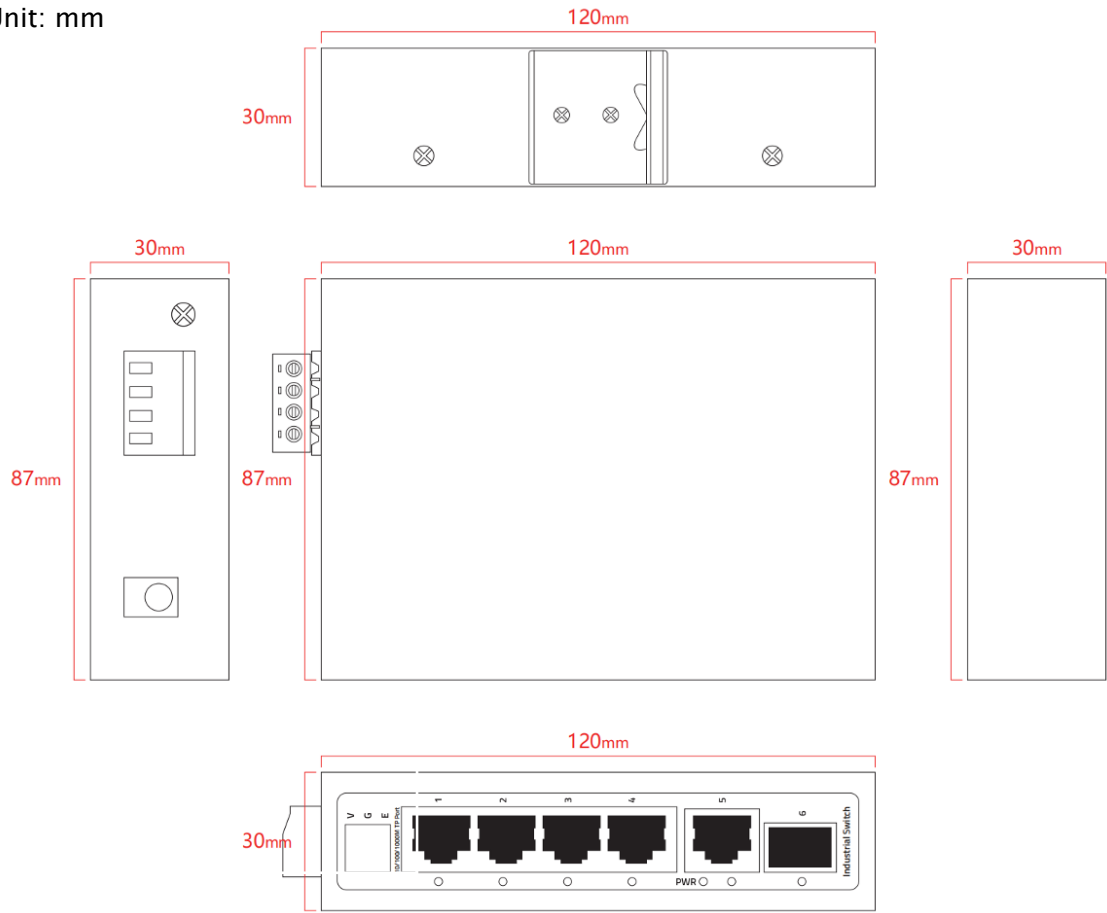
SPECIFICATIONS

Environment	
Operating	-40°C ~ 75°C
Storage	-40°C ~ 85°C
Ambient Relative Humidity	5%~95% non-condensing
Physical	
Housing	IP30, Din-rail
Dimension	30 * 87 * 120mm
Weight	0.44kg
Approval	
FCC	FCC Part 15. CISPR(EN55022) class A
CE	EN 55022:2010/AC:2011 Class A EN 61000-3-2:2014
	EN 61000-3-3:2013
	Surge protection of power: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet ports: IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
	DIP: IEC 61000-4-11 Level 3 (10V)
	ESD: IEC 61000-4-2 Level 4 (8K/15K)
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Free Fall	IEC60068-2-32
RoHS	Lead(Pb) Free
Warranty	5 years

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DIMENSIONS

Unit: mm



ORDERING INFORMATION

Model name	Description
RRT-1006G-1F-T-X6HR	5-port 10/100/1000 Base-TX RJ45 & 1 port 100/1000 BaseX SFP 12-55VDC, Din-rail type, Operation temperature: -40°C ~ +75