



## FEATURES

- 8\* 10/100 Base-TX PoE+ Port
- Complies with IEEE802.3 af/at
- 44~57 VDC dual power input with polarity reserve/over-voltage protection
- Dip switch functions:
  1. Port isolation
  2. 250m long distance
  3. QoS
  4. PoE watchdog
- Support 10K Bytes Jumbo frame
- Support 4KV surge protection; ESD: Air-15KV, Contact-8KV Protection
- IP40. Din-rail design
- Operating temperature -40~75 degree C

## DESCRIPTION

RPT-1008GP-T-X6OH has 8\* 10/100 base-TX RJ-45 ports comply with IEEE802.3 af/at PoE standard for your industrial applications. It designs to work in the industrial environment, compliant with CE, FCC, and RoHS standards. RPT-1008GP-T-X6OH provides two redundant power inputs that can be connected simultaneously to 44~57 VDC power sources. If one of the power inputs failure, the other live source acts as a backup to provide the power needs automatically. It is featuring with port isolation(1-7 ports), 250m long distance transmission mode(1-2 ports), QoS(1-2 ports) and PoE watchdog function, which all can be configured by the Dip switch on the top panel. Reverse and short circuit protection design is to protect the switch from misusing the power connection accidentally.

It's designed with super slim and compact size. The dimension of RPT-1008P-T-X6OH is 48(W)\*98(H)\*98(D) mm. Its compact size makes it a good fit for the factory automation and industrial control application.

**SPECIFICATIONS**

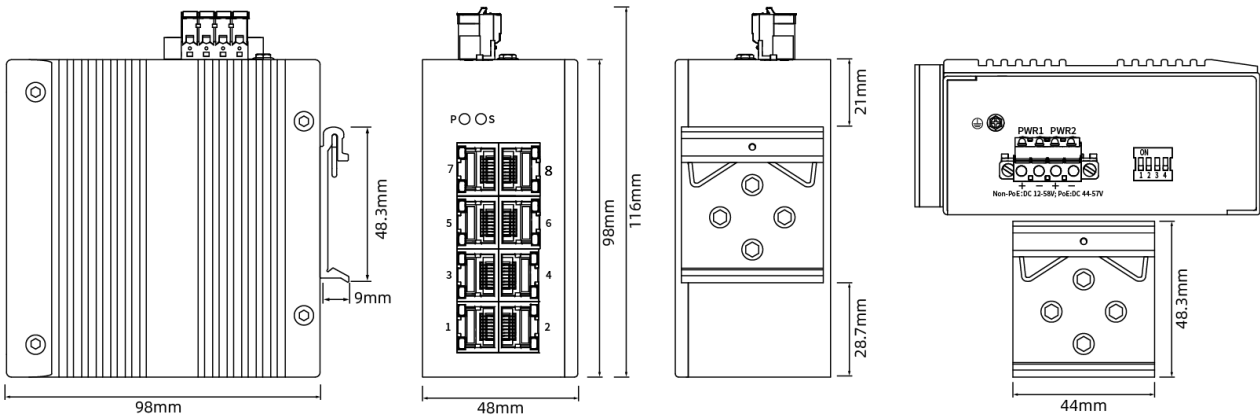
<b>Technology</b>	
Standards	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3x Full-Duplex Flow Control
	IEEE 802.3az Energy Efficient Ethernet
	IEEE 802.3af Power-Over-Ethernet
	IEEE 802.3at Power Over Ethernet plus PSE
<b>Interface</b>	
RJ-45 Ports	8* 10/100 Base-T auto negotiation speed Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators	P(Power indicator) Green: Off/On Failed/Normal S(PoE usage indicator) Red: Off/Blinking/On, PoE usage rated <50% / 50~90% / ≥ 90% Copper ports Green: Off/Blinking/On, link-down / data on TX/RX / link-up Yellow: Off/On, PoE not working/ PoE is working
DIP switch	1. Port Isolation (1-7 ports) 2. 250m long distance mode(1-4 ports) 3. QoS(1-2 ports ) 4. PoE watchdog
<b>Power</b>	
Input	44~57 VDC, Dual inputs
Consumption	Full loading without PoE ≤5W Full loading with PoE ≤240W
Max current	5.6A
Connector	Removable 4-pin Terminal Block
Reverse Polarity Protection	Present
Over-voltage protection	Present
<b>Environment</b>	
Operating	-40°C ~ 75°C
Storage	-40°C ~ 85°C
Ambient Relative Humidity	5%~95% non-condensing
<b>Physical</b>	
Housing	IP40, Din-rail
Dimension	48 * 98 * 98mm
Weight	0.58 kg

## SPECIFICATIONS

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

## DIMENSIONS

Unit: mm



## ORDERING INFORMATION

Model name	Description
RRT-1008P-T-X6OH	8-port 10/100 Base-T industrial PoE+ switch, DC44-57V, redundant dual power supply, Din-rail, Operation temperature: -40°C ~ +75