

RPT-1008GP-T-X6OH | 8 Port Industrial Unmanaged Gigabit PoE+ Switch



FEATURES

- 8* 10/100/1000 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. 250 meter 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 housing
- Operating temperature -40~75 degree C

DESCRIPTION

RPT-1008GP-T-X6OH has 8* 10/100/1000 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 and RoHS standards. RPT-1008GP-T-X6OH provides two redundant power inputs that can be connected simultaneously to 44~57 VDC power sources. In addition, the DIP switch on the top panel is featuring with port isolation, 250 meter long distance transmission mode, QoS and PoE watchdog function. The wide operating temperature -40 to 75 degree C supports the PoE switch can work in the industrial environment.

SPECIFICATIONS

Technology

Standards	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit 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

Interface

RJ-45 Ports	8* 10/100/1000Base-T and PoE (30W per port) Full/Half-duplex mode, and auto MDI/MDI-X connection , auto negotiation speed
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LED Indicators	PWR: Power indicator (Green: On/Off) On: Power On Off: Power Off
	SYS: PoE usage indicator (Red: On/Blinking/Off) On: PoE usage rated ≥90% Off: PoE usage rated <50% Blinking: PoE usage rated 50~90%

LED Indicators	Port 1-8 Copper ports (Green: On/Blinking/Off) On: Link On Blinking: Data transmitting Off: Link off
	(Yellow: PoE On/Off) On: PoE On Off: PoE Off

DIP switch	<ol style="list-style-type: none"> Port Isolation (Port 1~Port 7) 250m long distance mode(Port 1~Port4) QoS(Port 1-2) PoE watchdog
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Switching features

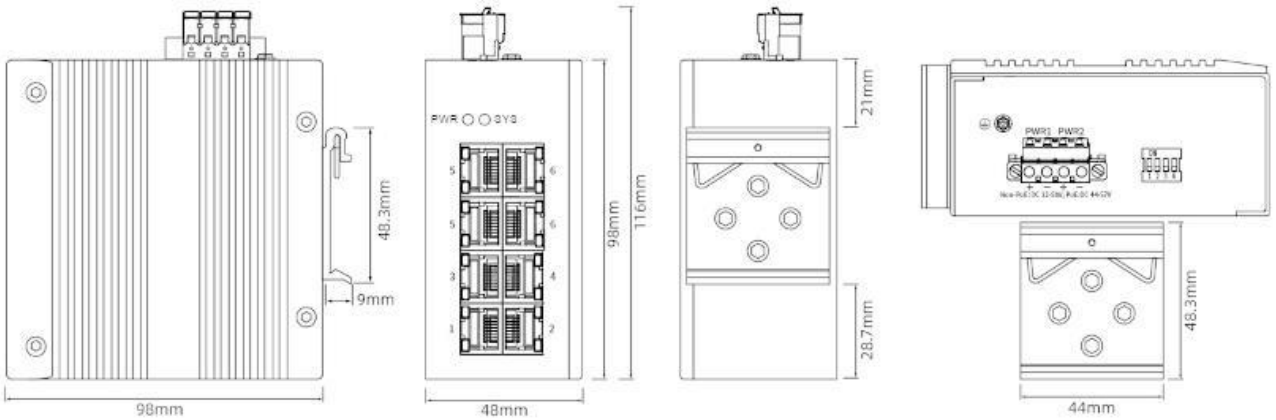
Switching capacity	16G
Packet forwarding rate	23.8 Mpps
MAC address table	16K
VLAN	4K
Buffer	2M
Forwarding delay	<5us
Jumbo Frame	10Kbytes

SPECIFICATIONS

Power	
Input	44~57 VDC, redundant power inputs
Consumption	Full loading without PoE ≤5W Full loading with PoE ≤240W
PoE budget	Max 240Watt at power input: 52-57VDC
Max current	5.6A
Connector	Removable 4-pin Terminal Block
Reverse Polarity Protection	Present
Over-voltage protection	Present
Environment	
Operating	-40°C ~ 75°C
Storage	-40°C ~ 85°C
Ambient Relative Humidity	5%~95% non-condensing
Physical	
Housing	IP40, Din-rail
Dimension (W*D*H)	48 * 98 * 98mm
Weight	0.55 kg (0.63Kg with box)
Approval	
CE	EN 55032:2015+A1:2020
	EN 55035:2017+A11:2020
	EN IEC 61000-3-2:2019+A1:2021
	EN61000-3-3:2013+A2:2021+AC:2022-01
	EN IEC 62368-1:2020+A11:2020
Industrial Standard	IEC 61000-4-5
	Surge protection of power: Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet port: 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	Compliant
Warranty	5 years

DIMENSIONS

Unit: mm



ORDERING INFORMATION

Model name	Description
RRT-1008GP-T-X6OH	8-port 10/100/1000Base-T industrial PoE+ 30W switch, DC44-57V, redundant dual power supply, Din-rail, Operation temperature: -40°C ~ +75