



FEATURES

- 4* 10/100TX PoE+ Port
- 2* 100 FX SC Multi/Single mode
- Complies with IEEE802.3 af/at PoE+
- 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 9K 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-1006P-2FM/FS-T-X6OH has 4* 10/100 base-TX RJ-45 ports comply with IEEE802.3 af/at PoE+ standard and 2 port of fiber port with SC or ST connectors for your application in industrial environment. RPT-1006P-2FM/FS-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, QoS and PoE watchdog function. The wide operating temperature -40 to 75 degree C supports the PoE switch can work in the industrial environment and comply to CE/FCC/RoHS.

SPECIFICATIONS

Technology	
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
Interface	
RJ-45 Ports	Port 1-4 10/100TX PoE ports: 30Watts per Port
	Port 5-6 100FX port (no PoE) in SC connector
	Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicators	PWR: Power indicator (Green: On/Off) On: Power On Off: Power Off
	SYS: PoE usage indicator (Red: Off/Blinking/On) On: PoE usage rated ≥90% Off: PoE usage rated <50% Blinking: PoE usage rated 50~90%
	Port 1-4 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
	Port 5-6 Fiber port (Green: On/Blinking/Off) On: Link On Blinking: Data transmitting Off: Link off
DIP switch	<ol style="list-style-type: none"> 1. Port Isolation (Port 1-Port4) 2. 250m long distance mode(Port 1-Port 4) 3. QoS (Port 1-Port 2) 4. PoE Watchdog

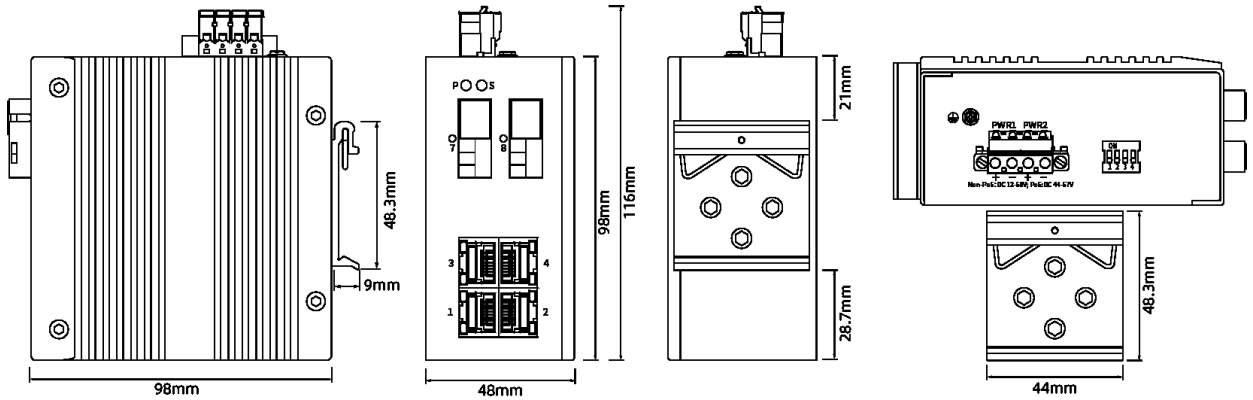
SPECIFICATIONS

Switching features	
Switching capacity	1.2G
Packet forwarding rate	1.78 Mpps
MAC address table	2K
VLAN	2K
Buffer	2K bits
Forwarding delay	<100us
Jumbo Frame	9Kbytes
Power	
Input	44~57 VDC, redundant power inputs
Consumption	Full loading without PoE ≤4W Full loading with PoE ≤120W
POE Budget	120Watt (52~57VDC)
Max current	3A
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)	30 * 98 * 98mm
Weight	0.6kg (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 61000-4-2 (ESD) Level 4
	IEC61000-4-3 (RS)
	IEC61000-4-4 (EFT)
	IEC 61000-4-5 (Surge) Level 3
	IEC61000-4-6 (CS)
	IEC61000-4-8 (Magnetic Field)
	IEC 61000-4-11 Level 3
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Free Fall	IEC60068-2-32
RoHS	Compliant
Warranty	5 years

RPT-1006P-2FM/FS-T-X6OH | 6 Port Industrial PoE+ Fiber Switch

DIMENSIONS

Unit: mm



ORDERING INFORMATION

Model name	Description
RRT-1006P-2FM-SC-T-X6OH	4-port 10/100Base-T PoE+ 30Watts 2-port 100FX SC Multi Mode 2KM
RRT-1006P-2FS-SC-T-X6OH	4-port 10/100Base-T PoE+ 30Watts 2-port 100FX SC Single Mode 30KM
RPT-1006P-2F-T-X6OH	4-port 10/100Base-T PoE+ 30Watts 2-port 100FX SFP slots