Sbjlink
Subject Link

RPT-1005GP-T-X2 | Industrial 5 Port Unmanaged Gigabit POE Switch

FEATURE HIGHLIGHTS

- 5x Gigabit POE ports, max 30W per port.
- Built for harsh environments and wide temperature industrial application
- IP30 housing and din-rail mounting
- Wide Temperature -40~75 degree C
- Dual DC power input
- Profinet Conformance Class A

DESCRIPTION

RPT-1005GP-T-X2 provides 5 full gigabit RJ-45 ports with 4 PoE ports that compliant to IEEE802.3at for your industrial applications. It has IP30 metal rugged case and operating wide temperature between -40 and 75 degree C can support your network reliable in extreme and harsh environment.

RPT-1005GP-T-X2 also supports redundant power inputs that can be connected simultaneously to wide-range DC power sources. If one of the power inputs failure, the other live source acts as a backup to provide the RPT-1005GP-T-X2 power needs automatically.

RPT-1005GP-T-X2 is compliant to CE/FCC certification and Profinet Conformance Class A is a special release per request.

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SPECIFICATIONS

Technology	
	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
Standards	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000BaseX
	IEEE 802.3x Flow Control
	IEEE 802.3af/at
Processing Type	Store and Forward

Switch Properties	
Switch Fabric	10Gbps
Priority Queues	-
MAC Table Size	2K
Packet Buffer	1 Mbits

Interface	
RJ45 Port	5 x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
PoE Port	4 PoE port, Max 30W per port
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active(Green)
	PoE: Output Power

Power Requirements	
Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended.
Connection	1x removable 4-contact terminal block
Power Consumption	5W without PD consumption
PoE budget	120W, Max 30W per port
Protection	Overload Current Protected, Reverse Polarity Protected

Mechanical Construction	
Enclosure	Steel metal
Protection Class	IP30
Dimensions	28.7x140x98 mm (WxHxD)
Weight	0.7 kg
Mounting	DIN-Rail Mounting

Environmental Limits	
Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

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SPECIFICATIONS

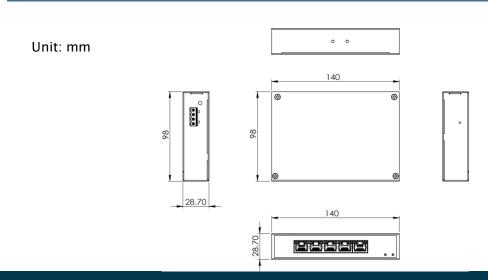| Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A
	CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD)
	IEC61000-4-3 (RS)
	IEC61000-4-4 (EFT)
	IEC61000-4-5 (Surge)
	IEC61000-4-6 (CS)
	IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	5 Years

ORDERING INFORMATION

Model Name	Description
RPT-1005GP-T-X2	- 5x 10/100/1000T(x) with 4 PoE Port (max 30W/port), -40~75 degree C

DIMENSIONS

Unit: mm