

RPT-2012G-4F-T-X3 | 12 Port Industrial Managed Gigabit Switch



FEATURE HIGHLIGHTS

- 8x 10/100/1000BASE-T Ethernet ports
- 4x Gigabit SFP slots
- RSTP, MSTP, ERPS, MRP, LACP for Network Redundancy
- IGMP Snooping v1/v2/v3
- SNMP v1/v2/v3 for network management
- Profinet Conformance Class B
- Wide Operating Temperature; -40~75 degree C
- IP30 Aluminum housing

DESCRIPTION

RPT-2012G-4F-T has 8 10/100/1000BASE-T RJ45 Ethernet ports and 4 Gigabit SFP slots for your industrial applications. It is designed with harden components in a rugged housing to work in the industrial environment between -40 and 75 degree C and comply with CE, FCC.

RPT-2012G-4F-T has complete L2 managed software features that provide superior security software feature sets, ie TACACS+, SSH and network redundancy such as RSTP, MSTP, G.8032 ERPSv2, and MRP.

RPT-2012G-4F-T supports IEEE 802.1p Quality of Service (QoS) which enhances bandwidth utilization to ensure time sensitive data gets delivered efficiently to mission-critical applications without any delay even during burst of high traffic. It's also included efficient Storm Control function. Both QoS and Storm Control can be managed easily by DIP switch.

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SPECIFICATIONS

Standards	
IEEE 802.3	10BASE-T
IEEE 802.3u	100BASE-TX
IEEE 802.3ab	1000BASE-T
IEEE 802.3z	1000BASE-SX/LX
IEEE 802.3	Nway Auto-negotiation
IEEE 802.3x	Flow Control
IEEE 802.3ad	Link Aggregation
IEEE 802.1AB	LLDP
IEEE 802.1ad	QinQ
IEEE 802.1D	STP
IEEE 802.1w	RSTP
IEEE 802.1s	MSTP
IEEE 802.1p	Class of Service
IEEE 802.1Q	VLAN Tagging
IEEE 802.1X	Port Authentication
Interface	
Ports	8 x 10/100/1000BASE-T RJ45 4 x GbE SFP Slots
DIP Switch	Primary/Redundant Power Voltage Drop Alarm setting
LED Panel	PWR, RPS, ALM, POST, 1000, LNK/ACT
Features	
Performance	Jumbo frame Size: 10KBytes
	MAC Table Entries: 16K
	Active VLAN: 4K
	Switch Fabric: 24 Gbps L2 Forwarding Rate: 17.9 Mpps
Management	CLI, Telnet/SSH, HTTP/HTTPs, SNMP v1//v2c/v3, SNMP Trap, MVLAN, Firmware Upgradable, Configuration Backup/Restore, Syslog, SNTP, LLDP, UDLD, DHCP Client, DHCP Option 82, e-mail Alarm, Service Control, DDM
Reliability	STP/RSTP/MSTP, Proprietary Ring, ERPS v1/v2, Dual Homing, LACP, Code Redundancy
VLAN	IEEE 802.1Q, GARP/GVRP, Port-based VLAN, MAC-based VLAN, IP-based VLAN, Protocol-based VLAN, QinQ
Traffic Control	IGMP snooping/Throttling/Proxy, MVR, QoS Flow Control, Abnormal Traffic detection, Rate Limit, Storm Control, Port Isolation, Loop Detection
Security	ACL, SSH, Port Security, Port-based 802.1x, MAC-based 802.1x, TACACS+, MAC limit, MAC Search, Refusal MAC, Static MAC, DHCP Snooping, DHCP Sever Screening, ARP Inspection, BPDU Guard/Filter, Root Guard, Management Host

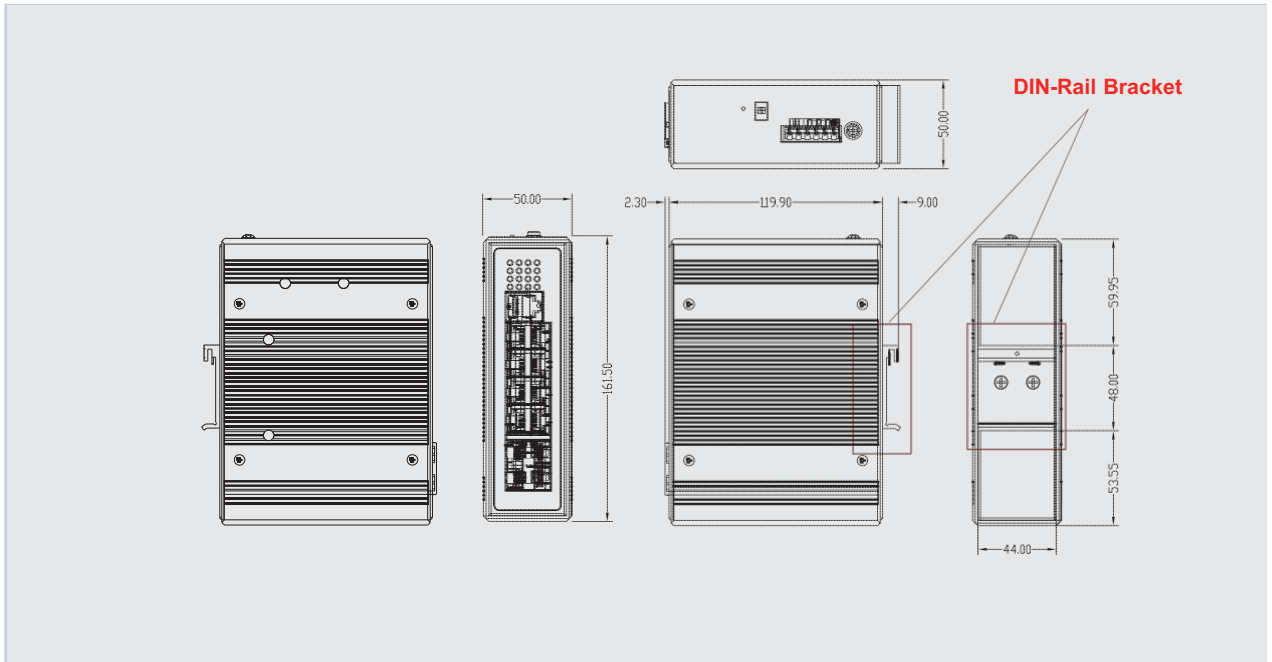
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SPECIFICATIONS

Power	
Input Voltage	Primary inputs: 12~48VDC Redundant inputs: 12~48VDC
Power Consumption	System: 18 W
Alarm Relay	One relay output, 1 A @ 24V DC
Mechanical and Environment	
Housing	Aluminum (IP30 Protection)
Mounting	DIN-Rail
Operating Temperature	-40°C~75°C (-40°F~167°F)
Storage Temperature	-40°C~85°C (-40°F~185°F)
Operating Humidity	5 to 95% RH (non-condensing)
Storage Humidity	5 to 95% RH (non-condensing)
Weight	955 g (2.1 lb)
Dimension (WxHxD)	50 x 164.9 x 122.2 mm (1.97 x 6.49 x 4.81 in)
Certifications	
EMI	FCC Part 15 Subpart B Class A
	EN 55022 : class A
	EN 55011 : 2009 class A
	EN 61000-6-4
EMS	EN 55024
	EN 61000-6-2
	EN 61000-4-2 (ESD)
	EN 61000-4-3 (RS)
	EN 61000-4-4 (Burst)
	EN 61000-4-5 (Surge)
	EN 61000-4-6 (CS)
	EN 61000-4-8 (PFMF)
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Substation	IEEE1613, IEC 61850-3 (-I model)
Safety	UL 61010-1, UL 61010-2-201

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DIMENSIONS Unit: mm



Ordering Information

Model Name	Description
RPT-2012G-4F-T-X3	8x10/100/1000BASE-T+4x100FX/GbE SFP, 12-48VDC, -40°C~75°C
RPT-2012G-4F-I-T-X3	8x10/100/1000BASE-T+4x100FX/GbE SFP, 12-48VDC, -40°C~75°C IEEE1613, IEC61850-3