



FEATURE HIGHLIGHTS

- 8x 10/100/1000BASE-T Ethernet ports
- 2x 100FX/GbE SFP Slots
- Redundant Power Input Design
- Support IEEE 802.1p Quality of Service (QoS)
- Support Storm Control
- Wide Operating Temperature; -40~75 degree C
- IP30 Aluminum housing

DESCRIPTION

RPT-1010G-2F-T has 8 10/100/1000 TX RJ45 Ethernet ports and 2 100FX/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-1010G-2F-T-X3 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. Addition to the beneficial fetures, the switch is also configured with efficient Storm Control functionalities which can only allow the traffic of a predefined rate. Both the QoS and Storm Control function can easily managed by DIP Switch without any burden of manual enable and disable.

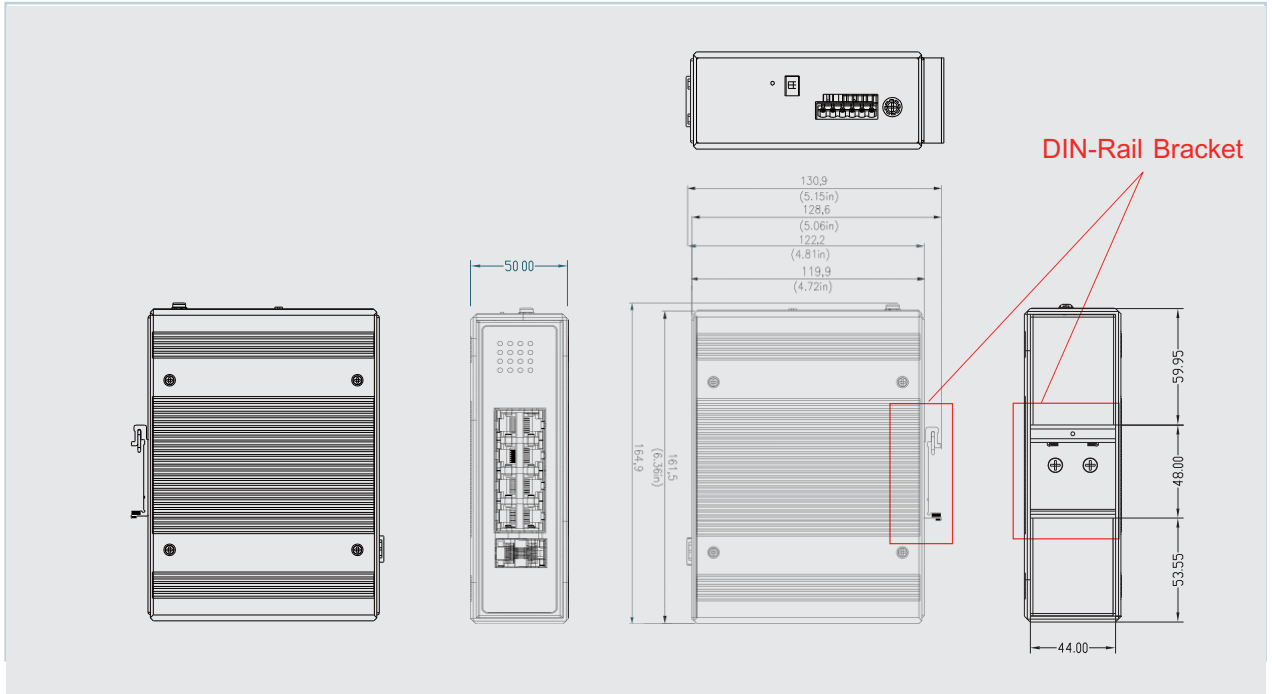
SPECIFICATIONS

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 802.1p	Class of Service
Interface	
Ports	8x10/100/1000BASE-T and 2x100FX/Gigabit SFP slots
DIP Switch	Power voltage drop alarm setting (PWR & RPS) Broadcast storm control setting (STORM), Port-based QoS setting (QoS on P1 & P2), Fiber port speed setting (100FX on P9 & P10)
LED Panel	PWR, RPS, ALM, SFP, 1000, LNK/ACT
Features	
Performance	Jumbo frame Size: 10KBytes MAC Table Entries: 8K Switch Fabric: 20Gbps L2 Forwarding Rate: 14.8Mpps

SPECIFICATIONS

Power	
Input Voltage	Primary inputs: 12~60VDC Redundant inputs: 12~60VDC
Power Consumption	System: 13W
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	930 g (2.0 lb)
Dimension (WxHxD)	50 x 164.9 x 130.9 mm (1.97 x 6.49 x 5.15 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 Edition 2.0 (-I model)

DIMENSIONS Unit: mm



Ordering Information

Model Name	Description
RPT-1010G-2F-T-X3	8x10/100/1000BASE-T+2x100FX/GbE SFP, 12-60VDC, -40°C~75°C
RPT-1010G-2F-I-T-X3	8x10/100/1000BASE-T+2x100FX/GbE SFP, 12-60VDC, -40°C~75°C IEEE1613, IEC61850-3 Edition2.0