



### FEATURE HIGHLIGHTS

- 8x Gigabit Ethernet ports
- 8 Ports IEEE 802.3at PoE+ with 30W per port
- 2x 100/1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay output with current carrying capacity
- IP30 housing din rail mounting

### DESCRIPTION

RPT-1010GP-2F-X2 provides 8 100/1000 TX ethernet RJ-45 ports and 2 100/1000 FX SFP ports with power over ethernet function (max 30W per port). It's IP30 metal rugged case is aluminum material that gives the switch lighter weight and the best heat dissipation. RPT-1010GP-2F-X2 is an ideal candidate for your industrial surveillance and monitoring application.

RPT-1010GP-2F-X2 also supports voltage from 48VDC-57VDC redundant power supplies with overload protection. If one of the power inputs failure, the other live source acts as a backup to provide the RPT-1010GP-2F-X2 power needs automatically.

RPT-1010GP-2F-X2 is a rugged device that can sustain in harsh environment and extended operating temperature version (-40 to 75 degree C) is also available upon your application.

**SPECIFICATIONS**

<b>Technology</b>	
<b>Standards</b>	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000BaseX
	IEEE 802.3x Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3at PoE+
<b>Processing Type</b>	Store and Forward
<b>Switch Properties</b>	
<b>Switch Fabric</b>	9600 bytes
<b>MAC Table Size</b>	8K
<b>Packet Buffer</b>	4 Mbits
<b>Interface</b>	
<b>RJ45 Port</b>	8 x 10/100/1000(x) with 8 port PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X
<b>Fiber Port</b>	2 x 100/1000 F(X) SFP slot
<b>PoE Pin Out</b>	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A
<b>LED Indicators</b>	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active with highest speed(Green) Low Speed (Amber) POE: Output Power
<b>Alarm Contact</b>	1x relay output with current carrying capacity of 1A @ 24 VDC
<b>Power Requirements</b>	
<b>Operation Voltage</b>	48-57VDC, redundant dual inputs; >50VDC for PoE+ output
<b>Connection</b>	1x removable 6 contact terminal block
<b>Power Consumption</b>	0.21A@48VDC without PDs' consumption
<b>PoE power budget</b>	240W
<b>Protection</b>	Overload Current Protected, Reverse Polarity Protected

## SPECIFICATIONS

<b>Mechanical Construction</b>	
Enclosure	Aluminum housing
Protection Class	IP30
Dimensions	50x120x100mm (WxHxD)
Weight	0.7kg
Mounting	DIN-Rail Mounting (wall mounting kits optional)
<b>Environmental Limits</b>	
Operating Temperature	Standard: -10°C ~ 60°C Extended: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
<b>Regulatory Approvals</b>	
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
Certifications	IEC61000-6-2
	IEC61000-6-4
Warranty	5 Years

## ORDERING INFORMATION

Model name	Description
RPT-1010GP-2F-X2	8 port unmanaged 10/100/1000 TX PoE switch and 2 SFP port 48VDC
RPT-1010GP-2F-T-X2	8 port unmanaged 10/100/1000 TX PoE switch and 2 SFP port 48VDC (-40~75 degree C)

## DIMENSIONS

Unit: mm

