

RPT-1010G-2F-X2**Industrial 8 Gigabit Port with 2 Gigabit SFP Switch****FEATURE HIGHLIGHTS**

- 8x 10/100/100 TX Ethernet ports
- 2x 100/1000F(X) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay output with current carrying capacity
- IP30 aluminum housing din rail mounting

DESCRIPTION

RPT-1010G-2F-X2 provides 8 100/1000 TX ethernet RJ-45 ports and 2 100/1000 FX SFP ports. It's IP30 metal rugged case is aluminum material that gives the switch lighter weight and the best heat dissipation. RPT-1010G-2F-X2 is an ideal candidate for your industrial application.

RPT-1010G-2F-X2 also supports voltage from 12VDC-48VDC 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-1010G-2F-X2 power needs automatically. For vehicles and surveillance application, this switch also has PoE version with 48VDC or 24VDC power booster design.

RPT-1010G-2CF-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

Technology	
Standards	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+
Processing Type	Store and Forward
Switch Properties	
Switch Fabric	9600 bytes
MAC Table Size	8K
Packet Buffer	4 Mbits
Interface	
RJ45 Port	8 x 10/100/1000(x) auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	2 x 100/1000 F(X) SFP slot
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active with highest speed(Green) Low Speed (Amber)
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
Power Requirements	
Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 6 contact terminal block
Power Consumption	15W
Protection	Overload Current Protected, Reverse Polarity Protected

SPECIFICATIONS

Mechanical Construction	
Enclosure	Aluminum housing
Protection Class	IP30
Dimensions	50x120x100mm (WxHxD)
Weight	0.7kg
Mounting	DIN-Rail Mounting (wall mounting kits optional)
Environmental Limits	
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)
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
Certifications	IEC61000-6-2
	IEC61000-6-4
Warranty	5 Years

RPT-1010G-2F-X2

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ORDERING INFORMATION

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

DIMENSIONS

Unit: mm

