

RPT-1016G-X2 | Industrial 16 Port Unmanaged Gigabit Ethernet Switch



FEATURE HIGHLIGHTS

- 16 x10/100/1000 Base T(X)
- Broadcast storm protection
- Support IEEE 802.3/ 802.3u/ 802.3ab
- Full/Half-Duplex, MDI/MDI-X auto-detection
- Redundant dual DC power inputs
- Operating temperature ranges from -20~75 °C
- Rugged metal housing

DESCRIPTION

RPT-1016G-X2 provide 16 full gigabit RJ-45 ports for your industrial applications. It was designed to support high port density ethernet connection in an industrial environment .

RPT-1016G-X2 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-1016G-X2 power needs automatically.

RPT-1016G-X2 is compliant to UL/CE/FCC certification and 10/100 version is also available. Operating temperature between -40 to 75 degree C is optional.

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SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
	IEEE 802.3x flow control
Processing Type	Store and Forward
Switch Properties	
Switch Fabric	32Gbps
MAC Table Size	8K
Packet Buffer	4Mbits
Interface	
RJ45 Port	16x 10/100/1000T(x), auto negotiation speed duplex mode auto MDI/MDI-X
LED Indicators	Per unit: PWR1, PWR2
	Ports: 1G (Green), Link/Active (Green), low speed (Amber)
Power Requirements	
Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 6-contact terminal block
Power Consumption	10W
Protection	Overload Current Protected, Reverse Polarity Protected
Mechanical Construction	
Enclosure	Metal housing IP30
Dimensions	45 x 136 x 95 mm (W x H x D)
Weight	0.5 kg
Mounting	DIN-Rail Mounting
Environmental Limits	
Operating Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

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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-1016G-X2	16 Port Industrial Unmanaged 10/100/1000 Gigabit Ethernet Switch
RPT-1016-X2	16 Port Industrial Unmanaged 10/100 Ethernet Switch

DIMENSIONS

