

## RPT-1812GP-2F-T-X2 | 12 Port Industrial Unmanaged Gigabit PoE+ Switch



### FEATURE HIGHLIGHTS

- 10 x Gigabit Ethernet ports with 8 x port supporting IEEE802.3af/at
- 2 x 100/1000F(x) SFP slots
- 12-57 VDC Redundant Power Input
- Power Booster Design
- IP30 Housing
- DIN-Rail Mounting, Wall Mounting
- Operating Temperature -10°C ~ 60°C, Extend: -40°C ~ 75°C
- E-mark compliant

### DESCRIPTION

RPT-1812GP-2F-T-X2 has 10x 10/100/1000 TX Ethernet ports with 8 ports supporting IEEE802.3at POE 30W, and 2 port 100/1000FX SFP. The total power budget is 190W. This high power PoE switch is designed to work in the industrial environment, and operate in wide temperature between -40 to 75 degree C.

RPT-1812GP-2F-T-X2 has power booster design with redundant power input 12~57 VDC. Total power budget up to 190W @ 24V. It's an ideal solution while creating network for surveillance and monitoring with IP camera and any PDs (power device) in the industrial environment

# RPT-1812GP-2F-T-X2 | 12 Port Industrial Unmanaged Gigabit PoE+ Switch

## 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	24Gbps
MAC Table Size	8K
Packet Buffer	4Mbits
Interface	
RJ45 Port	10 x 10/100/1000T(x) with 8 POE+, auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	2x 100/000F(x) SFP Slot
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan MDI Mode A
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active with highest speed(Green), low speed(Amber)
	POE: Output Power
Alarm Contact	1 x relay output with current carrying capacity of 1A @ 24 VDC
Power Requirements	
Operation Voltage	12-57VDC, redundant dual inputs, > 50VDC for PoE+ output recommended
Connection	1 x removable 4-contact terminal block
Power Consumption	14W without PDs' consumption
PoE Power budget	Max. 30 W per PoE port. Max. total output power for PD: 190W@24V input, 90W@12V input.
Protection	Overload Current Protected, Reverse Polarity Protected

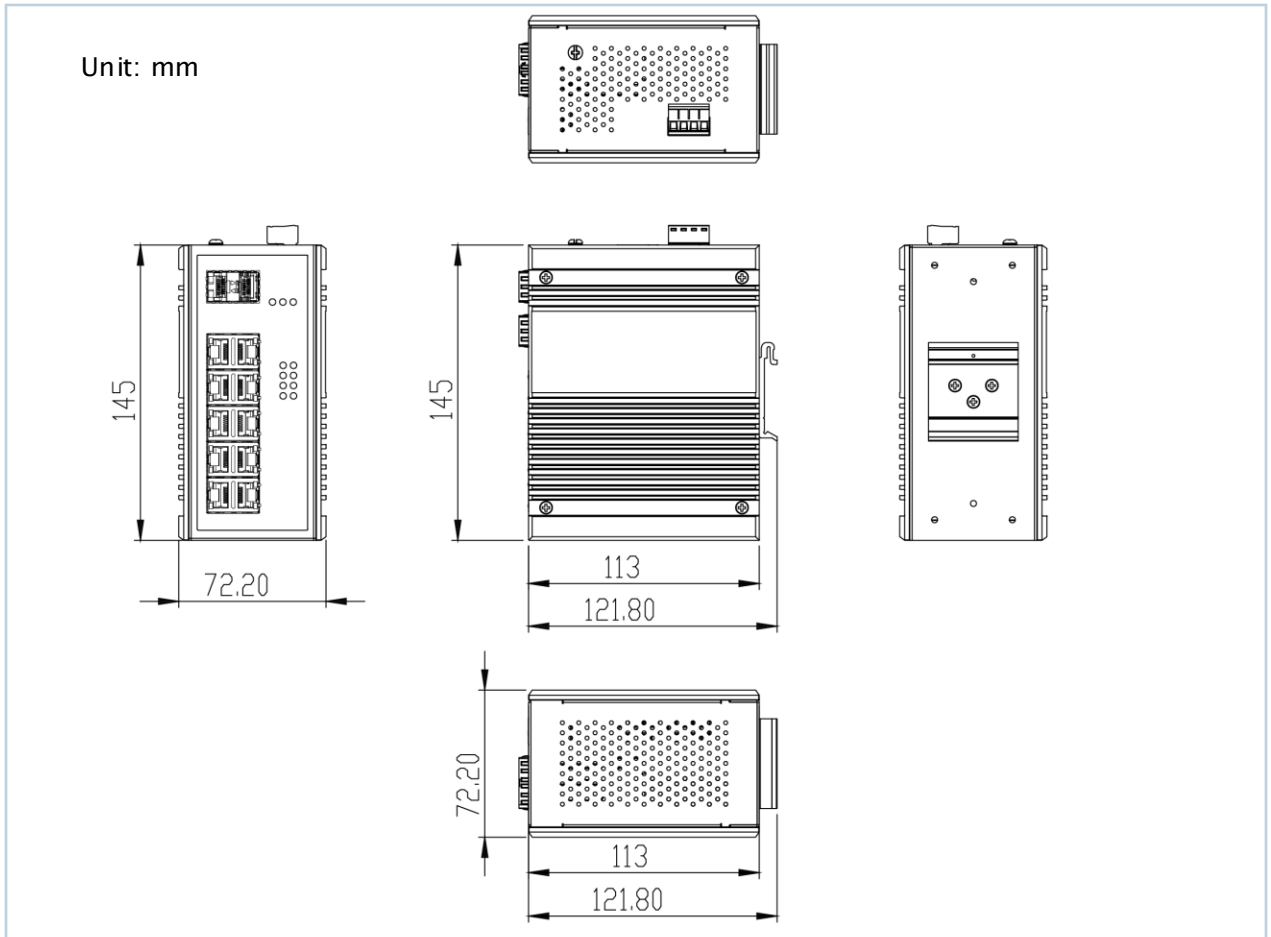
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## SPECIFICATIONS

Mechanical Construction	
Enclosure	Aluminum
Protection Class	IP30
Dimensions	72x145x113 mm (WxHxD)
Weight	0.90 kg
Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
Environmental Limits	
Operating Temperature	Standard: -10°C ~ 60°C (14°F ~ 140°F), RPT-1812GP-2F-X2
	Extended: -40°C ~ 75°C (-40°F ~ 167°F), RPT-1812GP-2F-T-X2
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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
Certifications	E-mark Compliant
MTBF	>100,000 hours
Warranty	5 Years

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## DIMENSIONS



## ORDERING INFORMATION

Model Name	Description	Power input
RPT-1812GP-2F-X2	10+2 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch, Operation temperature -10°C ~ 60°C	12~57VDC redundant
RPT-1812GP-2F-T-X2	10+2 Port Industrial Unmanaged PoE+ Booster Gigabit Ethernet Switch, Operation temperature -40°C ~ 75°C	12~57VDC redundant