



FEATURE HIGHLIGHTS

- 8x Gigabit Ethernet PoE ports with IEEE802.3 af/at/bt
- 2 Port Gigabit SFP ports and 1 console port
- Redundancy: STP/RSTP/MSTP/ERPS
- Security: IEEE802.1x and AAA certification
- IGMP Snooping/static multicast filtering/MLD Snooping
- SNMP v1/v2c/v3 for network management
- IP40 protection, redundancy power supply, wide temp
- Surge protection: : General 6KV, Differential 4KV; ESD 15KV(Air), 8KV (Contact)

DESCRIPTION

RPT-2010GH90-2F-T-X6H is an industrial grade managed switch that supports 8 Gigabit PoE Ports (Port 1 and 2 Support 90Watts) plus 2 Gigabit SFP Port and 1 Console Port.

The switch is designed for a robust reliability hardware that has dual power input (DC48 - 55V) and sustain during -40 to 75°C operating temperature. It is also certified by industrial environment and support FCC, CE, CCC, RoHS standards.

RPT-2010GH90-2F-T-X6H provides advanced network management capabilities such as redundant ring, loop protection, VLAN, QOS, speed control, port mirroring, and firmware online upgrades.

The RPT series of industrial grade switches can be widely used in wind power, electric power, assembly automation, subway PIS, electric power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries.

SPECIFICATIONS
Interface and Technology

Port Definition	8 Gigabit PoE Ports (Port 1 and Port2 Support IEEE802.3bt) + 2 Gigabit SFP Port + 1 Console Port
Network Protocols	IEEE802.3
	IEEE802.3u
	IEEE802.3z
	IEEE802.3ab
	IEEE802.3x
	IEEE802.1d
POE Parameters	IEEE802.1w
	POE Standard: IEEE 802.3af/IEEE 802.3at/ IEEE802.3bt
	Single PoE Port Power Output:
	Max: 15.4 W (IEEE 802.3af), Port 3 to Port 8
	Max: 30 W (IEEE 802.3at), Port 3 to Port 8
	Max : 90 W (IEEE 802.3bt), port 1 and port 2
Network Media	PoE Compatibility: IEEE 802.3af/at /bt adaptive
	POE Power Output: DC 48-55V
	POE Power Pin:1/2- ; 3/6+ (bt : 1/2- 3/6+ ; 4/5+ 7/8-)
	10BASE-T: Cat3、4、5 UTP(≤100 M)
	100BASE-TX: Cat5 or above UTP(≤100 M)
	1000BASE-TX: Cat5 or above UTP(≤100 M)
Fiber Media	Multi-mode : 850nm,1310nm Transmission Distance: 550m/2Km
	Single-mode : 1310nm,1550nm Transmission Distance: 20/40/60/80/100/120Km
LED Indicator	PWR: Power On/Off
	SYS: System On/Off
	Yellow light: PoE On/Off
	Green light: Link Up/Down
Power Supply	G11 to G14 ports: Fiber port Link Up/Down
	Input Voltage: DC48 ~ 55V
Mechanics & Package	Type of input: 4 PIN terminal (block V1/+V1-, V2/+ V2-)
	Protect grade : IP40
	Installation : DIN Rail
	Product weight : 0.8 KG Package weight : 1.1KG (w/o PWR)
	Produc Dimensions(L×W×H): 165mm*130mm*65mm
	Box Dimensions(L×W×H): 242mm×207mm×86mm
Environment	Standard Carton packing(L×W×H): 445mm×445 mm×510mm
	Standard Carton packing quantity : 20 (PCS)
	Operating temperature: -40 ~ 75°C
	Storage temperature: -40 ~ 85°C
	Humidity: 5%~95 % (No condensation)

SPECIFICATIONS

Switch Features

Menu Items	Primary Submenus	Secondary Submenus	Tertiary Submenus
Information & Status	System Information		
	IP Status		
	Syslog		
	Detailed Syslog		
	MAC Table		
	VLANs	Membership	
		Ports	
	Ports	Traffic Overview	
		Detailed Statistics	
	LACP	System Status	
		Port Status	
		Port Statistics	
	Green Ethernet		
	LLDP	Neighbors	
		Port Statistics	
	Loop Protection		
	Spanning Tree	Bridge Status	
		Port Status	
		Port Statistics	
	IGMP Snooping	Status	
		Groups Information	
		IPv4 SFM Information	
	MLD Snooping	Status	
		Groups Information	
		IPv6 SFM Information	
	DHCP	Server	Statistics
			Binding
			Declined IP
	Snooping Table		
	Relay Statistics		
	Detailed Statistics		
Security	Port Security	Switch Port	
	Access Management Statistics		
	802.1X	Switch Port	
	ACL Status		
	AAA	RADIUS Overview	
		RADIUS Details	
QoS	QoS Statistics		
	QCL Status		

Network Admin	IP Config		
	IP Status		
	DHCP Server	Mode Excluded IP Pool	
	NTP		
	Timezone		
	SNMP	System Trap Communities Users Groups Views Access	
	Syslog		
	Ports		
	Aggregation	Static LACP	
	Mirroring Green Ethernet		
Port Configure	DDM	DDM Configuration DDM Overview DDM Detailed	
	PoE Setting		
	PoE Status		
PoE	Power Budget	360W	
	MAC Table		
Advanced Configure	VLANs		
	GVRP	Global Config Port Config	
	Port Isolation	Port Group Port Isolation	
	Loop Protection		
	Spanning Tree	Bridge Setting MSTI Mapping MSTI Priorities CIST Ports MSTI Ports	
	IPMC Profile	Profile Table Address Entry	
	MEP ERPS		
	IGMP Snooping	Basic Configuration VLAN Configuration Port Filtering Profile	
	IPV6 MLD Snooping	Basic Configuration VLAN Configuration Port Filtering Profile	
	LLDP		

Security Configure	Users			
	Privilege Levels			
	SSH			
	Port Security Limit			
	Access Management			
	802.1X			
	ACL	Ports		
		Rate Limiters		
		Access Control List		
	DHCP	Snooping Setting		
		Snooping Table		
		Relay		
		Relay Statistics		
	IP & MAC Source Guard	Detailed Statistics		
		Configuration		
Static Table				
ARP Inspection	Dynamic Table			
	Port Configuration			
	VLAN Configuration			
	Static Table			
AAA	Dynamic Table			
	RADIUS			
	TACACS+			
QoS Configure	Port Classification			
	Port Policing			
	Queue Policing			
	Port Scheduler			
	Port Shaping			
	Port Tag Remarking			
	Port DSCP			
	DSCP-Based QoS			
	DSCP Translation			
	DSCP Classification			
	QoS Control List			
Storm Policing				
Diagnostics	Ping			
	Cable Diagnostics			
	CPU Load			
Maintenance	Restart Device			
	Factory Defaults			
	Firmware Upgrade			
	Firmware Select			
	Configuration	Download		
Upload				
Activate				
Delete				

SPECIFICATIONS

Switch Parameters	
Bandwidth	20Gbps
Packet Forwarding Rate	14.88Mpps
RAM	128MB
Flash	16MB
Packet Buffer Memory	4M
Jumbo frame	9.6Kbytes
VLANs	4096
MAC	8K
Forwarding Mode	Store-And-Forward
Compliances	
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A
	EMS: EN61000-4-2 (ESD)
	EN61000-4-4 (EFT)
	EN61000-4-5 (Surge)
Certification	CE , FCC , ROHS
MTBF	100,000 Hours

ORDERING INFORMATION

Model Name	Software	10/100/1000 TX	Giga SFP	Power input
RPT-2010GH90-2F-T-X6H	L2	6 POE 30W+ 2 POE 90W/port	2	48-55VDC redundant

DIMENSIONS

Unit: mm

