



RGPS-3244GP-P

Industrial 24-port managed Gigabit PoE Ethernet switch+ 2/4G SFP ports



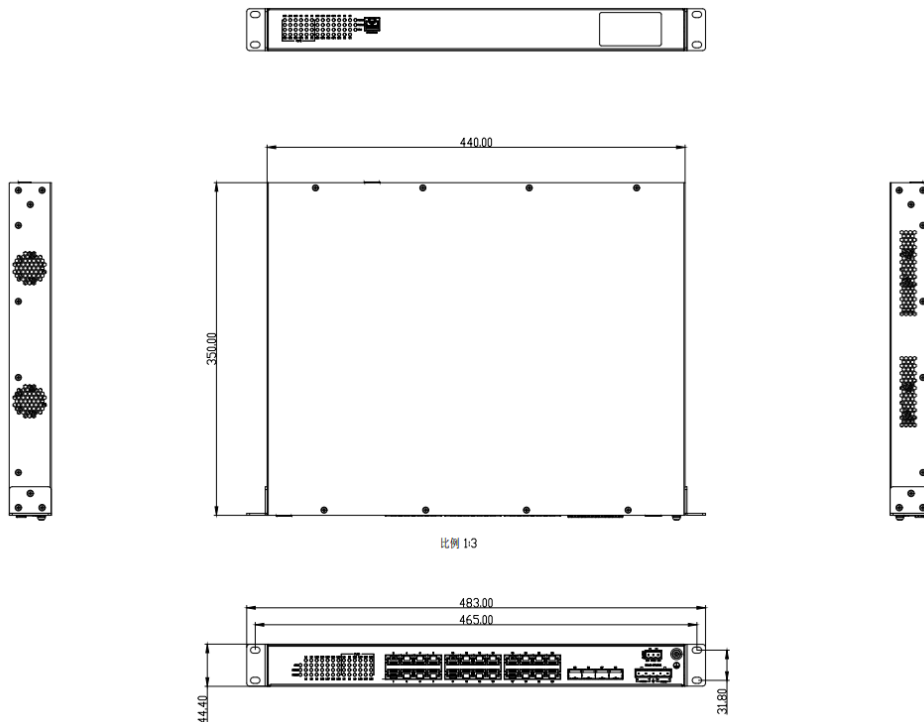
Features

- Up to 24 Gigabit Ethernet ports support IEEE 802.3af/at PoE, up to 4 Gigabit SFP ports
- Supports IEEE802.3af&at PoE standard, maximum total power output of 360W;
- Gigabit Ethernet ports with 10/100/1000M adaptive, full/half duplex, MDI/MDIX adaptive mode
- Supports ERPS/PVTRING/MSTP/RSTP/STP and other redundant protocols
- Supports QoS, VLAN, IGMP Snooping and other management functions
- Supports HTTPS/SSL, SSH, user classification, port isolation, IPSG, arp attack prevention and other security technologies
- Supports multiple management methods including CLI, Telnet, Web, and SNMPv1/v2c/v3-based network management software
- Supports DDM
- Power supports overload protection, reverse connection protection, and redundancy protection



RGPS-3244GP-P is layer2 managed Ethernet switch with 24 PoE ports. The switch support Ethernet Redundancy protocol, MSTP (RSTP/STP compatible) can protect your mission-critical applications from network interruptions or temporary malfunctions with its fast recovery technology. And support wide operating temperature from -40 °C to 75 °C.

Dimensions



Specifications

ORing Switch Model	RGPS-3244GP-P
Physical Ports	
10/100/1000Base-T(X) with PoE Ports in RJ45	24
Gigabit SFP	4
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow control IEEE 802.3ad for LACP (Link Aggregation Control Protocol) IEEE 802.1p for COS (Class of Service) IEEE 802.1Q for VLAN Tagging IEEE 802.1Q-2014 MSTP (compatible with STP/RSTP) IEEE 802.1x for Authentication IEEE 802.1AB for LLDP (Link Layer Discovery Protocol) IEEE 802.3at: Standard PoE
MAC Table	8k
Priority Queues	8
Processing	Store-and-Forward
Jumbo Frames	9712Bytes
Switch Properties	Switching latency: <10 us Max. Number of Available VLANs: 4095 VLAN ID Range : VID 1 to 4094 IGMP multicast groups: 512for each VLAN
Security Features	ACL DHCP-Shopping HTTPS/SSH RADIUS VLAN (802.1Q) SNMP v1/v2c/v3
Software Features	IPv4 · IPv6 DHCP server/DHCP client LLDP RMON syslog TACACS
Network Redundancy	MSTP/RSTP/STP
RS-232 Serial Console Port	RS-232 in RJ45 connector with console cable. 115200bps, 8, N, 1
Power	
Input power	AC Power: Single Channel, 100-240VAC Isolated Power
Power consumption (Typ.)	Idle: ≤10W@48VDC Full Load: ≤25W@48VDC (Non-POE Powered); ≤390W@48VDC (POE Powered)
POE Output Power	360W
Overload current protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP40
Dimension (W x D x H)	440x44.4 x 350mm (TBD)
Weight	≤5KG
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 75°C (-40 to 167°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory Approvals	

EMC	CE EMC (EN 55035, EN 55032), FCC Part 15B
EMI	EN 55035, CISPR32, EN 61000-3-2, EN 61000-3-3, FCC Part 15 B class A
EMS	EN 55024 (IEC/EN 61000-4-2(ESD), IEC/EN 61000-4-3(RS), IEC/EN 61000-4-4(EFT), IEC/EN 61000-4-5(Surge), IEC/EN 61000-4-6(CS), IEC/EN 61000-4-8(PFMF), IEC/EN 61000-4-11(DIP))
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	EN 62368-1
Warranty	5 years

***NOTE: This function is available by request only**

Ordering Information

Available Model	Model Name	Description	PoE power budget
	RGPS-3244GP-P	Industrial 24-port managed Gigabit PoE Ethernet switch +4G SFP ports	360W