



RPW4000 Series POE SWITCH

8Ports*2.5GE +4Ports*10GE SFP- Data Sheet



NEW
PRODUCT



AC+DC dual power supply

RPW4000-AD

Product Description

RPW4000 Series is a carrier-class POE switch that supports 802.3af and 802.3at.

RPW4000 series POE switches support AC and DC dual power supply.

RPW4000 series is a layer-3 managed switch with 8 ports 10/100/ 1000/ 2500Mbps adaptive RJ45 ports + 4 10GE optical ports, of which 1-8 ports support POE. Each RJ45 port supports automatic flipping and line-speed forwarding. It adopts the store-and-forward method and combines QoS technology to ensure that bandwidth is effectively allocated to each port, providing stable and reliable power supply and data transmission

Product Highlights

- 8ports 2.5GE POE RJ45 and 4Ports 10GESFP
- Support 802.3af and 802.3at
- AC+DC dual power supply.
- Industrial-grade product, fanless cooling
- Configurable asymmetric throughput
- Operating temperature: -40°C to 70°C
- Layer 3 Route
- Switching capacity: 160G
- Packet forwarding rate:119.04Mpps
- Testing Report:CE/FCC/RoHS

Product Specifications:

Interface					
Fixed port	4*10G Base-X+ 8*10/100/1000/2500 Base-T				
Management Port	Support console				
Cable type&Transmission distance					
Twisted-pair	0-100m （CAT5e,CAT6）				
Monomode optical fiber	20/40/60/80/100KM				
Multimode optical fibre	550m				
Network Topology	Support Ring topology, Star topology, Bus topology,Tree Topology,Hybrid topology				
Electrical Specifications					
input voltage	AC 100-240V 50/60Hz; DC48-58V				
Total Power consumption	≤150W				
Mainboardpower	≤28W				
PoE Support					
PoE port	1-8 ports				
PoE Protocol	802.3af , 802.3at				
Pin Assignment	1,2+;3,6-				
PoE Management	Supported				
Layer 2 Switching					
Switching capacity	160G				
Packet forwarding rate	119.04Mpps				
MAC address table	32K				
Buffer	16M bit				
Forwarding delay	<10us				
MDX/MIDX	Supported				
VLAN	4000				
Protocol VLAN	Supported				
Ethernet channel/ 802 .3ad	Supported				
MSTP / RSTP / STP	Supported				
Layer 3 Route			Security		
IPV4 management address	Supported	AAA Certification	Supported	802.1X authentication	Supported
IPV6 management address	Supported	DHCP Snooping	Supported	Protected Ports	Supported
IPV4 dynamic routing	OSPF , RIP	IP Source Guard	Supported	Storm control	Supported
Static Routes IPV6	Supported	Port Security	Supported	Dynamic ARP Inspection	Supported
Convergence					
ACL	Support MAC ,IPv4, IPv6 standard/extended ACL				
QOS	Support QOS re-marking, port trust,port speed limit,Egress queue rate limit,SP, WRR scheduling algorithm.				
Management					
WEB management	Support UserManagement, SystemLog, UpgradeFirmware,ConfigurationFileDownload/Upload				
SNMP,Telnet/SSH,CLI,Console	Supported				
Environmental					
Operating Temperatures	-40°C to 70°C / -40°F to 158°F				
Humidity	Operating humidity: 5% to 95% RH (non-condensing) Storage humidity: 5% to 95% RH (non-condensing)				
Mechanical Dimensions					
Switch Dimensions	325*245*44mm (L*W*H)				
Weight	Net weight 2.8kg Gross weight 3.5kg				
EMC & Ingress Protection					
Surge protection of Power	Common mode 4KV, differential mode 2KV				
Surge protection of Ethernet port	Common mode 6KV, differential mode 2KV				
Thermal methods	No fan. chassis cooling				

Package: 1*POE Switch, 1*AC power cord, 2*mounting ears, 8*mounting ear screws, dust plug

Warranty: 3 years

Ordering Info

Model: RPW4000-AD

Part Number: RPW825G4FP

Description:8ports 2.5GE RJ45 + 4ports 10GE SFP AC+DC Universal. **HS Code:** 85.17.62.

Made in Singapore



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Datasheet information can be changed by manufacturer without prior notice

RISBO TECHNOLOGIES SDN BHD (1496123-H)

T2A-09-13 Menara 3, 296 Jalan Ampang, 50450, Kuala Lumpur Malaysia

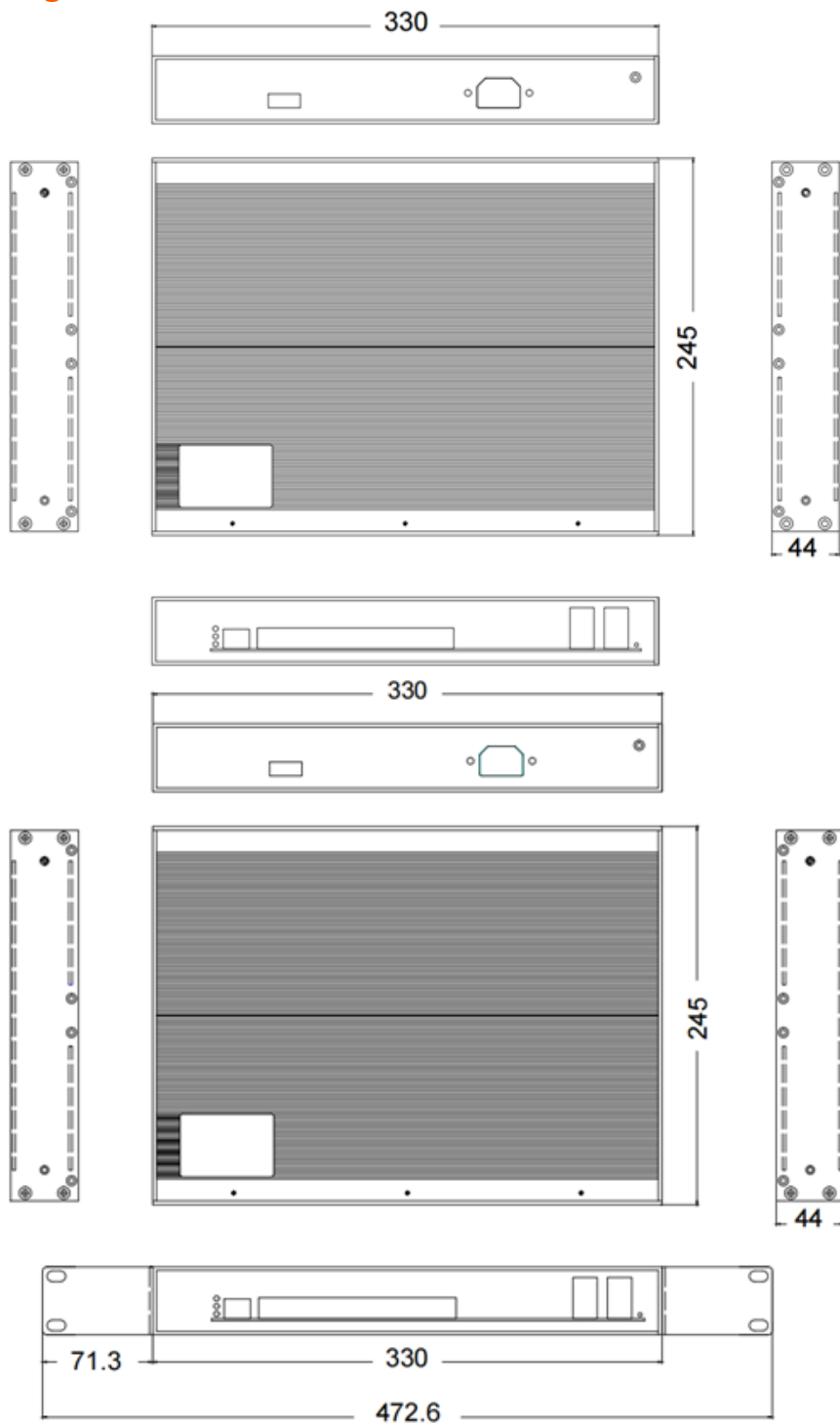
Tel:+60183200588 <https://www.risbo.com.my>

RISBO TECHNOLOGIES (SINGAPORE)PTE LTD (UEN:201432280R)

133 New Bridge #15-07 Chinatown Point 059413 Singapore.

Tel:+65 9882 6588 <https://www.risbo.com.sg>

Products drawing



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