SonicFi

2.5G Managed 10 Ports Switch
Indoor L2 Managed Ethernet Switch

Key Features

▶ An Indoor Fan and Fanless L2 Managed Ethernet Switch

▶ Support 8 x 10/1000/1000/2500Base-T ports+ 2 x 1/10G SFP+ ports

▶ 4 x 2.5GE copper ports support IEEE 802.3at/802.3af and 4 x 2.5GE copper ports support 802.3at/802.3af/802.3bt PoE PSE capability.

▶ LCD touch panel to provide visible status information

Models	RSW210A-1PPV	RSW210A-1V
Dimension H x W x D (mm)	44x330x200	
Performance		
Switch capacity (Gbps)	80	80
Forwarding capacity (Mpps)	59.52	59.52
Ports		
1GBase-T	-	-
2.5GBase-T	8	8
1G/10G (SFP+)	2	2
Power over Ethernet ports	4 x 802.3at (30W) + 4 x 802.3bt(60W)	-
LCD		
LCD touch panel	1.3"	1.3"
Power and Cooling		
Max. PoE power budget (Watt)	240	-
Power options	AC 100~240V, 2.8A Max.	AC 100~240V, 0.30A Max.
Internal power supply	1 PSU included	1 PSU included
Airflow	Smart FAN	Fanless
Operating Temperature	0°C~50°C / 32°F~122°F	0°C~50°C / 32°F~104°F
Operating Humidity	10% ~ 95%, Non-condensing	10% ~ 95%, Non-condensing

Firmware

◆ **Port Configuration**
Port Name
Port enable/disable
Flow control enable/disable
Port speed configuration
Auto/2.5G/1G/100M)
SFP+ port (Auto/1G/10G)
Port link status
  ▪ Port (link down/up)   ▪ Counters (TX, RX)
  ▪ Speed   ▪ Rates (TX, RX)
  ▪ Activity
Loop guard*

◆ **PoE Configuration**
PoE total power budget per system
PoE max. power per port
PoE enable/disable per port
PoE Power Usage per port/system
PoE Priority per port (Low/High/Critical)
PD Alive*

◆ **Security**
Port Isolation
IP Source guard (IP/MAC binding)*
ARP Inspection*
DHCP Snooping*

◆ **AAA**
802.1X
  ▪ Per port enable/disable   ▪ Port based
RADISU
Guest VLAN*

◆ **QoS**
802.1p QoS
DSCP QoS
Port based Bandwidth control
  ▪ Ingress (1Mbps granularity)
  ▪ Egress (1Mbps granularity)
Storm control (pps)*
Queuing Method
  ▪ SPQ (Strict Priority Queue)
  ▪ WFQ (Weighted Fair Queue)
  ▪ WRR (Weighted Round Robin)

◆ **L2 Features**
MAC address table
802.1Q VLAN
VLAN ID (1~4000)
VLAN Group numbers
PVID Setting (Native VLAN) VLAN Access mode
Voice VLAN*
VLAN Trunk mode
Link Aggregation Control Protocol (LACP)*
Static Link Aggregation*
Jumbo frames 9216B

◆ **IP Multicasting**
IGMP Snooping enable/disable
  ▪ IGMP Snooping V1
  ▪ IGMP Snooping V2
  ▪ IGMP Snooping V3*
  ▪ IGMP Proxy Reporting*

◆ **Ring Protection**
STP
RSTP
MSTP*
PVSTP*

◆ **Management**
Port Mirror
  ▪ Mirroring port   ▪ Mirrored ports
LLDP/ LLDP-MED
Firmware upgrade
System reboot by software
System reboot by Reset button
Locate function with LCD blinking Managed -
by Controller
DDM (Digital Diagnostic Management) for -
transceiver
DHCP Client
IPv4 Management IP configuration
(IP, subnet mask, default gateway, DNS) -
in controller
IPv6 Management IP configuration*
(IP, subnet mask, default gateway, DNS) -
in controller
Management VLAN

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*Future Support
*The specifications are subject to change without notice

Installation Methods
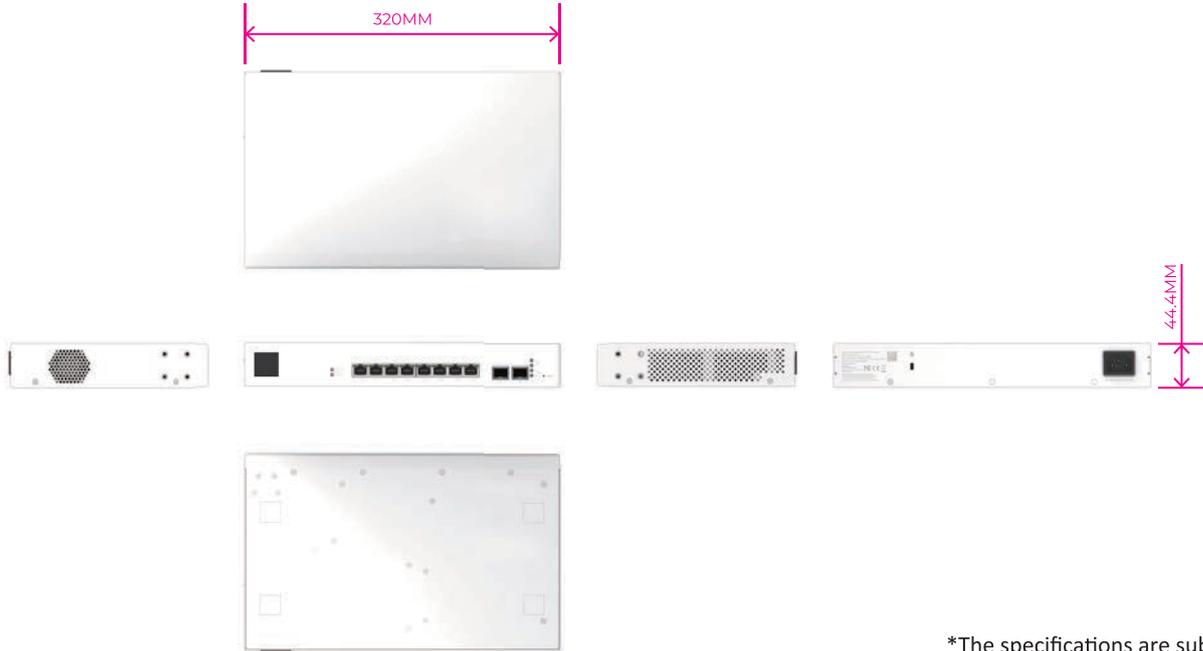
Wall-Mounting

Desktop

Rack-Mounting (Optional)

Product Outlook and Dimension

320MM

44.4MM

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