RS1064P

6-port 10/100Mbps PoE+ unmanaged switch

Product Datasheet

OVERVIEW

The RCI RS1064P is a 10/100Mbps unmanaged PoE switch independently developed by RCI. it has 6*10/100M RJ45 ports. Port 1-4 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 30W, and the max PoE output power is 65W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, IP camera, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

■ 10/100Mbps access, Dual RJ45 port uplink

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.

◇ Provides 6*10/100Base-TX RJ45 ports for flexible networking and meets the networking requirements of various scenarios.

■ Intelligent PoE power supply

◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.

◇ 4*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ Innovative function

◇ Video monitoring mode: When opening, Port 1-4 is isolated from each other but communicate with port 5-6 to prevent DHCP conflicts, optimize port cache utilization, and reduce broadcast storms.

◇ Long distance mode: When opening, the speed of port 1-4 is reduced to 10M. With the existing twisted pair cable, the transmission limit of the twisted pair line can be broken, and the transmission distance can reach 250 meters; on the other hand, It can solve the problem of poor transmission caused by line aging.

■ Stable and reliable, easy to use

◇ CCC,CE, FCC, RoHS.

◇ Plug and play, no configuration, simple and convenient.

◇ Low power consumption, galvanized steel casing, no fan.

◇ The user-friendly panel can show the device status through the LED indicator of PWR, PoE.

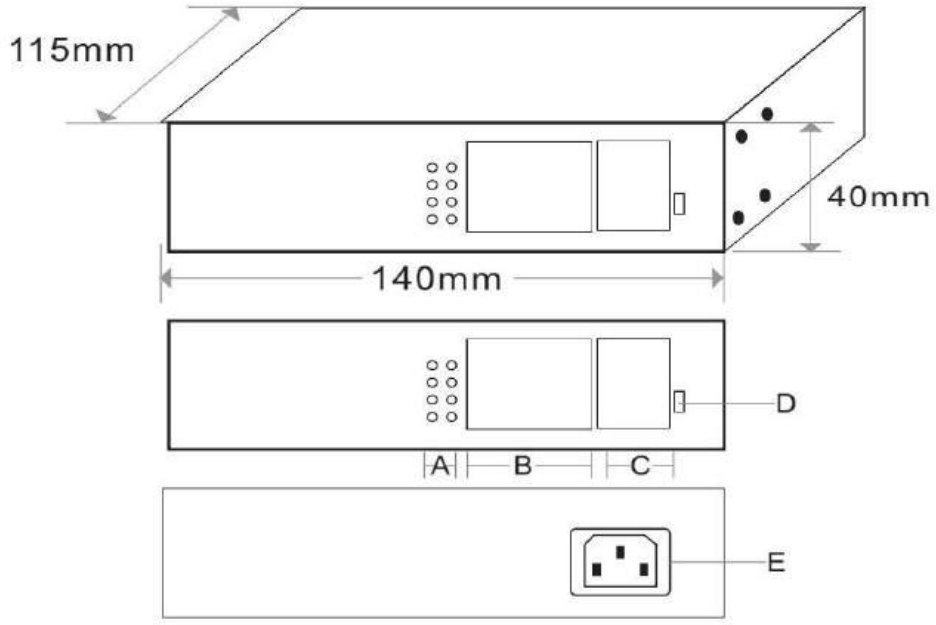
◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION

Model	RS1064P	RS1108P
Interface Characteristics		
Fixed Port	4*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX uplink RJ45 ports (Data)	8*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX uplink RJ45 ports (Data)
Ethernet Port	Port 1-6/1-10 can support 10/100Base-TX auto-detection, full/half-duplex MDI/MDI-X auto-sensing	
Functional Switch	1*(Extend+ VLAN)	
	Note: when the switch state changes, it must be restarted before the PoE switch function can take effect	
Twisted Pair Transmission	10BASE-TX: Cat3,4,5 UTP(≤250 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	1.6Gbps (Non-blocking)	2Gbps (Non-blocking)
Forwarding Rate@64byte	0.98Mpps	1.488Mpps
MAC	1K	
Buffer Memory	768K	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (Green), Network: L/A(Yellow), PoE: PoE (Green)	

	Functional switch: EXTEND (Green)	
PoE & Power Supply		
PoE Port	Port 1 to 4	Port 1 to 8
Power Supply Pin	1/2(+) 3/6(-)	
Max Power Per Port	30W, IEEE802.3af/at	
Total PWR / Input Voltage	65W/ (AC100-240V)	120W/ (AC100-240V)
Power Consumption	Standby<3W, Full load <65W	Standby <5W, Full load <120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 1.0A	Built-in power supply, AC100~240V 50-60Hz 2.2A
Physical Parameter		
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	140*115*40mm	195*130*40mm
Net /Gross Weight	<0.6kg / <1kg	<0.8kg / <1.2kg
Installation	Desktop, wall-mounted	
Certification & Warranty		
Lightning Protection	Lightning protection: 6KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
Warranty	1 year, lifelong maintenance.	

DIMENSION



A. Working indicate B. 4*10/100M PoE ports

C. 2*10/100M RJ45 ports D. Functional switch

E. Power input port(AC100-240V,50/60Hz)

PACKING LIST

	Content	Qty	Unit
Packing List	6-port 10/100Mbps PoE switch	1	SET
	AC Power Cable	1	PC
	User Guide	1	PC
	Warranty Card	1	PC