

Reverse PoE Ethernet Switch

(SL710RP-1S)

Product Description

This switch features 7 ports of 10/100Base-TX and 1 port of 10/100/1000Base-T, with 7 ports supporting PoE power output and 1 port supporting PoE power input. This configuration solves the problem of powering devices in challenging environments, simplifies installation and maintenance, while reducing power supply costs and lowering maintenance workload.



Product Features

- 7 x 10/100Base-TX ports and 1 x 10/100/1000Base-T uplink port.
- Supports a 2K MAC address table.
- Features one-key switch to VLAN physical isolation mode.
- Wide input voltage range: 15~56VDC.
- Two DC output ports provide 12V and 5V power for other devices.
- Port 1 can power other devices through unused pairs 4/5+ and 7/8-.
- Ports 2-8 can receive power through unused pairs 4/5+ and 7/8-.
- All ports support half/full duplex, auto-sensing 10/100/1000Mbps, and automatic MDI/MDI-X.
- All ports support wire-speed forwarding for smoother transmission.
- Supports both desktop and wall-mount installation.
- Plug-and-play, easy operation with no configuration required.
- Plastic housing with excellent heat dissipation ensures long-term stable operation.

Product Parameters

Standards & Protocol	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE 802.1p tagged frames IEEE 802.3x flow control
Interface information	Ethernet port: Base-T ports (rj45)
	10/100Mbps adaptive; 10/100/1000Mbps adaptive
	10Base-T: $\leq 250\text{m}$ (CAT3,4,5 UTP)
	100Base-TX: $\leq 100\text{m}$ (CAT3,4,5 UTP)
	1000Base-T: $\leq 100\text{m}$ (CAT3,4,5 UTP)
Mechanical properties	Shell material: plastic shell
	Appearance dimensions (length*depth*height):130×76×25mm
	Installation method: Desktop, Wall-mount
	Heat dissipation method: natural cooling, no fan
	G.W.: 0.15KG
Environmental properties	Working temperature: -20°C~+60°C
	Storage temperature: -40°C~+75°C
	Relative humidity: 5% ~ 95% (non-condensing)
Exchange properties	Bandwidth: 3.4Gbps
	Packet forwarding rate (whole machine) : 2.53Mpps@64byte
	Exchange method: store-and-forward
	MAC table : 2K
	Packet buffer : 768b
Power supply	Input Voltage: 16~56V DC
	Power consumption: $\leq 2\text{W}$
PoE pin	4/5+,7/8-
Indicator	Link/Act: Port 1-8 Green
	PWR: Green
Vlan	Vlan on: Ports 2-8 are isolated from each other but can communicate with Port 1.
	Vlan off: Normal Mode- All ports can communicate with each other.

Product Size



Application

