

Product Specification Manual

Product Name: SM-LB162P-SF



Product Overview:

This is a high-performance, low-power 16+2+1 fiber interface port 10/100/1000Mbps Ethernet switch, which is the primary choice for small and medium-sized local area networks. It provides 16* 10/100Mbps ports, plus 2*1000Mbps UP LINK Ports and one 1000Mbps fiber interface port, which can be used to connect upstream devices with higher bandwidth. Using store-and-forward technology, combined with dynamic memory allocation, ensures that bandwidth is effectively allocated to each port. Support port-based VLAN and tag-based VLAN, port aggregation, bandwidth control, port mirroring, priority, static MAC address table, port security and other intelligent configuration. The full line speed 100M backbone 100M network is connected to your workgroup or server, which is convenient for you to plug and play. This flexible non-blocking architecture allows users to use without being limited by bandwidth and media network. The switch supports half-duplex flow control and full-duplex backpressure mode. Each switch port supports adaptive function. The port uses a store-and-forward mode, which can effectively isolate broadcast storms, reduce error packets and Wrong packets, to avoid network congestion and network conflicts, product performance is superior, simple to use, convenient and intuitive, provides an ideal networking solution for broadband access for workgroup users and smart communities.

Application:

This switch is widely used in small local area networks, small and medium enterprise LANs.

Product features:

- ◆ Support IEEE 802.3az
- ◆ Support port aggregation (link aggregation)
- ◆ Support broadcast storm protection
- ◆ 16 * 10 / 100Mbps and 2 * 1000M adaptive RJ45, support automatic flip (Auto-MDI / MDIX) and 1 * 1000Mbps fiber port
- ◆ Support 2K MAC address
- ◆ Support EEPROM configuration
- ◆ Support IEEE802.3 af / at
- ◆ All ports support 2KV lightning protection
- ◆ Support 16 VLAN (IEEE Std 802.1q)
- ◆ Support maximum forwarding data packet length 2048byte / 9K Byte
- ◆ Support 25M clock, built-in power supply, metal shell design

Specifications:

Chip solution	RTL8367S+2*RTL8309N+RTL8305+2*IP808AR
Standards / Protocols	IEEE 802.1s, IEEE 802.1w,IEEE 802.1Q,IEEE 802.3az,,IEEE 802.3x
Topological structure	star-shaped
Network media	10BASE-T: Unshielded category 3, category 4, category 5 twisted pair (maximum 100m) 100BASE-TX/100BASE-T: Unshielded category 5, over category 5 twisted pair (maximum 100m)
Ethernet Port	16*10/100/1000M RJ45 PoE ports (Auto Negotiation/Auto MDI/MDIX) 2*10/100/1000M BASE-T ports (Auto Negotiation/Auto MDI/MDIX) 1*1000Mbps fiber interface
concatenation	All ports can be used as UP-LINK ports
Forwarding method	Store and forward
MAC address storage	2K
Exchange capacity	9.2Gbps

forwarding rate	6.844Mpps	
Cache	1.5Mbits	
Jumbo frame	9K (max)	
Indicat or light	each	Power.System (Power:Yellow light) When the load is connected, the indicator status is steady light
	Per port	Link/Activity (Link/Act:Green light) When the signal is connected, the status of the indicator light is blinking
power supply	AC:100-240V 50/60Hz Built-inDC:52V, 150W * 2	
Power supply pin	1/2 (+) , 3/6 (-) (POE port only)	
POE Port output power	Single port output maximum 30W	
Speed limit function	Support POE speed limit 10M / 100M (the machine needs to be powered off when the switch is toggled, and the POE transmission distance can reach 250 meters when the speed limit is 10M)	
Static power	MAX: 6.9W (220V/50Hz)	
Use environment	Working temperature: -10 °C ~ 70 °C (32 °F ~ 127 °F) Storage temperature: -40 °C ~ 85 °C (-97 °F ~ 142 °F) Working humidity: 10% ~ 90% non-condensing Storage humidity: 5% ~ 95% non-condensing	
Shell material	metal	
Dimensions (L × W×H)	290×200×44mm	
operating system	Support Windows / MAC OS / Netware / Linux operating system	
Customized service	OEM/ODM	

Postscript

This product is a universal POE switch for network cameras. It has small size, high efficiency and stable operation.

Features such as long transmission distance. With overload protection, output short circuit protection and other functions.