

EM-1000-1S2R

10/100/1000M 1*SFP fiber optical & 2*POE ports POE switch converter



Product Description

POE (PowerOverEthernet) means that without any changes to the infrastructure of CAT5 or CAT6 network wiring, it provides electrical transmission functions while transmitting signals for IP-based terminals. POE power supply is to provide power through the Ethernet interface connected to the cable. The way only relies on the network cable connected to the communication terminal to complete the power supply for them. This series of POE provides 48V voltage, and the transmission distance of AI smart selection power supply is as long as 100/250m. Using high-performance Ethernet switching main chip and PSE power supply chip combined with fast Ethernet transmission data signal and power supply function, and intelligent Ethernet POE power supply with AI intelligent management function, never burn the machine; with high backplane and capacity design, It has extremely fast data processing capabilities and smooth transmission of high-definition network data. Seiko steel alloy body electrostatic paint, promote dual-flow heat dissipation, stable performance and trouble-free work $\geq 30,000$ hours; excellent port performance, simple installation. Support port fully loaded with IEEE802.3af/at standard power supply; 100M POE power supply: 12+/36- (data synchronous transmission); Gigabit POE line data: 12+/36-, power supply 45+/78; Managed POE switch supports SNMP protocol, WEB and other network management system platforms, easy to operate configuration switches and POE related parameter functions, provide safe transmission guarantee for video surveillance and network communication.

Product characteristics

- Support the power supply through the wireless access point (AP) and the surveillance cameras of the two Ethernet cables. 1-2 ports support the standard IEEE 802.3af/at power supply;
- 1 10 / 100 / 1000Mbps optical port, easy to use, economical and high energy;
- 1-2 down connected 10 / 100 / 1000Mbps PoE ports, supporting AF / at power supply standard, terminal jumper method, 15.4/25.5w power supply output;
- flow control mode: IEEE 802.3x standard is adopted for full duplex and back pressure standard is adopted for half duplex;
- support auto MDI / mdix;

Three working modes

1. Standard switching mode - free communication of all ports, suitable for general data transmission environment;
2. Video monitoring mode ---- specially designed for monitoring application scenarios to improve the phenomenon of jam and mosaic in the monitoring network.
3. VLAN isolation mode: suppress network storm and improve network performance.

Stable and reliable equipment

Simple operation and strong expansibility

Easy to use, no need to configure, plug and play, strong compatibility, no burning device

High speed transmission, no packet loss, flexible expansion, so that the network is not limited by power line layout, saving user costs

Meet the demand of high density PoE power supply network environment

It is suitable for financial institutions, government agencies, hotels, shopping malls, campuses, hospitals and small and medium-sized enterprises to establish a cost-effective network.

Product parameters

Product information		Describe
Power information	Power supply mode	Internal power adapter
	Voltage range	DC48V-57V
network information	Network port	1-2uplink ethernet ports: 10/100/1000Mbps
		2*Uplink Optical ports: 1.25G
	Transmission Distance	1-2 downlink port: 100m(1000Mbps)
		1*optical ports: SFP Slot
		2*Ethernet ports:1000M
	Transmission Medium	Unshielded twisted pair of category 5 and above
	Network standard	IEEE802.3,IEEE802.3u,IEEE802.3ab,IEEE802.1d, IEEE802.1w,IEEE802.1s,IEEE802.1Q,IEEE802.1p IEEE802.3x,IEEE802.3af,/at
	Forwarding mode	Store and forward (line speed forward store and forward can be realized)
MAC address capacity	2K	
exchange capacity	24Gbps	
POEinformation	POE standard	IEEE802.3af/at
	POE type	End bridging (4/5+, 7/8-)
	POE Port characteristics	Port output power 15.4/25.5w, total power 65w
Status light	Power lamp	The green light is on, indicating normal operation
	POE Indicator light	The green light is on, which means Poe works
	Network indicator	The yellow light flashes, indicating that link / act works normally
Physical properties	Work Temperature	-20℃~65℃
	size	118*88*28mm
	Weight	1000g