

## POE Switch Series

### EM-4U2F-POE 10/100/1000M 2\* fiber optical & 4\*POE ports POE switch



### Product Description

4 \* 10/100/1000M PoE ports and 2\* gigabit optical port in the Gigabit 2-optical-4-electrical PoE switch. The POE power supply switch supports IEEE 802.3af/at Ethernet power supply standard, with a power supply distance of 100m, and only supplies power for 802.3af/at terminal equipment, so there is no need to worry about damaging the private standard PoE or non PoE equipment. In addition, when the POE device is not connected, it will stop power supply. Simple, reliable design, automatic identification of PoE requirements, duplex and network cable types using autouplink TM. The economic price of this series provides some commercial networks that need to simplify the installation of wireless access point (AP) and IP based webcam. These devices far away from the power socket are very suitable for hanging on the wall or ceiling. PoE eliminates the hassle of connecting power outlets to these devices. It makes the connection of the equipment which is difficult to connect the AC power more flexible, and the installation cost is minimized. With compact and flexible design, this series of PoE power switch is an ideal choice for small commercial networks that want to use PoE economically to deploy wireless access point (AP) and IP based network monitoring cameras.



## Product characteristics

- ◆ support the power supply through the wireless access point (AP) and the surveillance cameras of the two Ethernet cables. 1-4 ports support the standard IEEE 802.3af/at power supply;
- ◆ 2 uplink 10 / 100 / 1000Mbps optical port, easy to use, economical and high energy;
- ◆ 1-4 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	External power adapter
	Voltage range	DC48V-52V
network information	Network port	1-4uplink port: 10/100/1000Mbps
		2*UPLINK optical port: 10/100/1000Mbps
	transmission distance	1-4downlink port: 100m(1000Mbps )
		2*UPLINK optical port: RJ45:100m LC:0-120km
	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	8Gbps	
POEinformation	POE standard	IEEE802.3af/at
	POE type	End bridging (1/2+, 3/6-)
	POE Port characteristics	Port output power 15.4/25.5w , total power
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