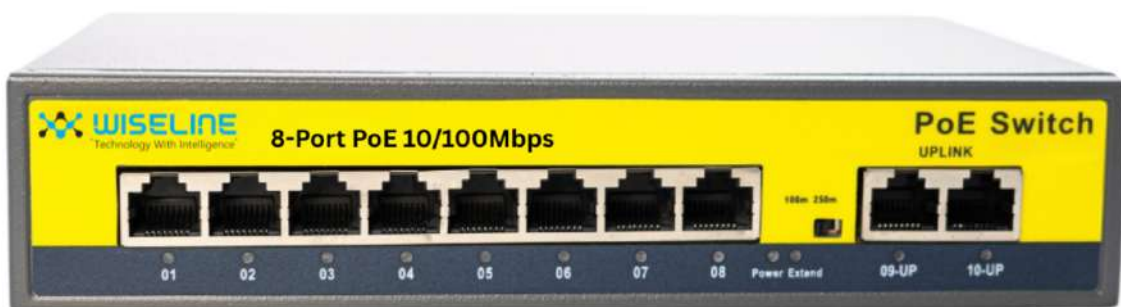


Product Description

This PoE switch has 10 10/100Base-TX Ethernet ports, of which port 1-8 support IEEE802.3 af/at PoE (Power over Ethernet) protocol power supply. The PoE port supports a maximum output power of 25.4W, and the maximum PoE power output of whole machine is 96W. It supports standard PoE protocol, which can automatically detect whether the powered device supports PoE power supply, and it only provides the power to the same PoE protocol PD devices, it can effectively prevent damage to non-PoE powered devices.

The PoE switch can force the port 1-8 transmission rate to be reduced to 10mbps through the DIP switch, and then this will be able to transmit a maximum distance of 250m through the existing twisted pair. At the same time, the port 1-8 are in a state of mutual network isolation, but they can communicate with the uplink ports (9-10) respectively. It can effectively isolate the conflict domain and broadcast domain, reduce the generation of broadcast storms, and improve the efficiency of network communication. It is an ideal choice for video surveillance networking in hotels, shops, supermarkets, family homes and small and medium-sized enterprises.



Product Features

- 8 * 10/100Base-TX PoE ports, 2 * 10/100Base-T uplink ports.
- Support IEEE802.3 af/at PoE protocol, and PoE RJ45 port can supply maximum power output of 25.4W.
- Support one-key switch to VLAN mode and 250m long distance transmission mode.
- Support 10/100Mbps auto-negotiate.
- Support Half/Full duplex adaptive, and auto MDI/MDI-X function.
- All port support wire-speed forwarding.
- Support desktop and wall-mounted installation.
- Plug and Play, no configuration requirements.
- **Extra option:** 6KV commo mode/4KV differential mode surge protection function.
- **Extra option:** AI network self-healing (watchdog) function.

Product Parameters

Model	WPS-0802M-MD	
Protocol	Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.1W Spanning Tree IEEE 802.3x flow control
Ethernet port Characteristic	Connector Type	1×8 RJ45, 1×2 RJ45
	Transmission rate	10/100Mbps auto-negotiate;
	Transmission distance	10Base-T: ≤250m (CAT3,4,5 UTP) 100Base-TX: ≤100m (CAT3,4,5 UTP)
Exchange performance	Forward method	Store-and-forward (full wire-speed)
	Transmission mode	Half/Full duplex adaptive
	MAC address table	2K
	Case space	768Kb
	Jumbo frames	2048b
	Packet Forwarding Rate	1.488Mpps@64byte
	Bandwidth	2G (non-blocking)
LED indicator	Power indicator	Green, PWR
	Ethernet indicator	Green, per ethernet port
	DIP switch indicator	Green, extend mode.
DIP switch	100m	Standard mode - All ports can communicate with each other.
	250m	Extend mode, port 1-8 are isolated from each other, transmission distance can up to 250m, and can communicate with port 9-10.
Power parameters	Input voltage	AC100~240V, 50Hz
	Power consumption	Standby: ≤3W; whole: ≤96W
	PoE pin	1/2+,3/6-
	The port max rate	≤25.4W
Environment	Operating Temperature	-20°C ~ 60°C
	Storage Temperature:	-40°C ~ 85°C
	Operating Humidity	5% ~ 95% non-condensing
	Heat dissipation method	Natural heat dissipation
Physical properties	Size	201×140×44mm
	Weight	Net weight:0.7kg,Gross weight: 0.9kg

Application

