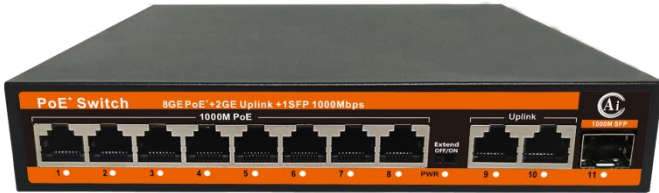


## FEATURES

- 8\*10/100/1000Mbps PoE ports, 2\*10/100/1000Mbps uplink port, 1\*1000Mbps SFP Slot
- Support IEEE802.3af/at
- Support restrain network storm, VLAN function
- Support Max Transmission distance up to 250m with PoE Power
- Support Watchdog function
- All port supported by MDI/MDIX auto flip and self-negotiation
- Built-in power supply;
- Maximum power of single PoE port: 30 W
- Maximum PoE power:120W
- Adopts store-and-forward architecture
- Fanless, natural cooling, small,compact and quiet design,suitable for desktop or wall
- Support lightning protection 6KV



MOBITECH®The 8-port 100/1000Mbps unmanaged PoE switch provides seamless data connectivity for 100/1000Mbps Ethernet and PoE power for powered devices such as network surveillance cameras and wireless (AP).

The switch has 8\* 100/1000Mbps PoE+ ports + 2\* 100/1000Mbps uplink ports, where 1-8 1000 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables . 8 100/1000 Mbps adaptive RJ45 downlink ports all support 802.3af/at standard PoE power supply. Support priority mechanism, when the remaining power is insufficient, the power supply of the high priority port is guaranteed first to avoid overloading the equipment. The maximum PoE output power of the whole machine is 120W, and the maximum power supply power of individual ports is 30W.

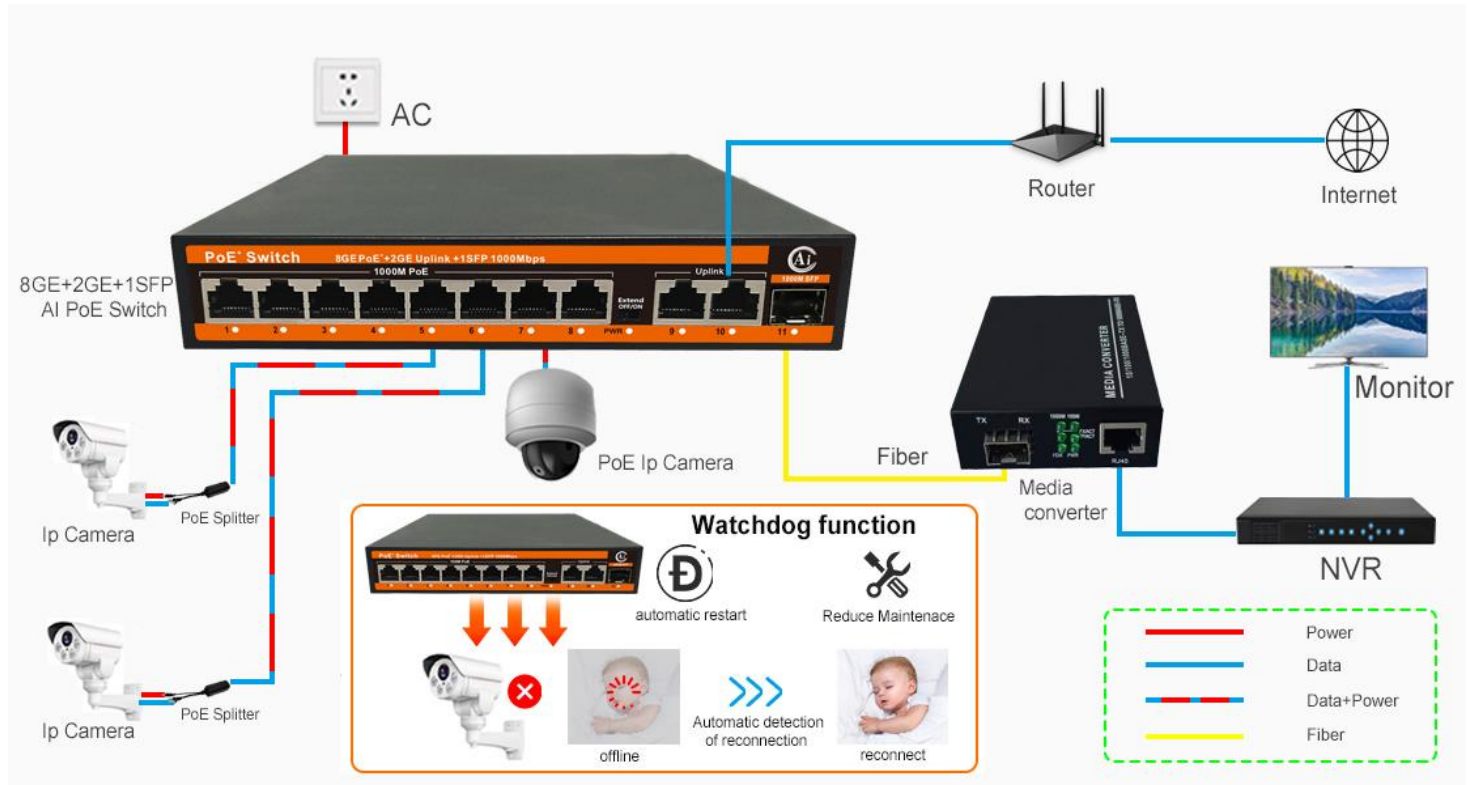
The 8 ports of Power over Ethernet support watchdog function, which automatically detects the data communication status in real time. When a port communication fault occurs, the corresponding port restarts automatically to recover the network communication and avoid manual maintenance.the Value lies in help to build the AI intelligent security transmission ecosystem.

Users can easily understand the working status of the device through the power indicator and status indicator of each port, plug-and-play, no configuration required, simple and convenient.

## Specifications

Model	MB-SP816K1SH		
Power	Power Adapter Voltage	AC 110V-240V	
	Consumption	120W(52V 2.3A)	
Network Connector	Network Port	PoE Ethernet Port	1~8 Port : 100/1000Mbps
		Ethernet port	9~10 Uplink Port : 10/100/1000Mbps
	SFP Port	1 SFP Port: 1000Mbps	
	Watchdog	1-8 port	
	Transmission Distance		1~8 Port : 1000Mbps:0~100m; 10Mbps: 0~250m;
			Uplink Port : 0 ~ 100m
			SFP: depends on the optical module(20km...100km)
Transmission Medium		Cat5/5e/6 standard network cable	
Network Switch	Network Standard		IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab
	Switching Capacity		22Gbps
	Packet Buffer Memory		1Mbits
	Throughput		16.368Mpps
	MAC Table		2K
	Paket Forwarding Rate		10Mbps:14880pps/port 100Mbps:148800pps/port 1000Mbps:1488000pps/port
Power Over Ethernet	PoE Standard		IEEE 802.3af/at
	PoE Power Supply		12 3 6 + ,4578 - , 8 cores power supply
	PoE Power		af=15.4W,at=30W
RJ45 port	Port Function		Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
	Watchdog function		When camera stops working for 2mins , the port will restart and recover automatically the camera.
LED Indicator	LED Indicator		LINK/ACT.100Mbps; PoE Status Indicator; Power indicator;Extender
Environmental	Working temperature		0°C~55°C
	Relative Humidity		20~95%
	Storage temperature		-20°C~70°C
Mechanical	Dimension (L×W×H)		190mm*125mm*38mm
	Color		Black
	Weight		0.81kg

**Application**



**Order Information**

Part No	Description of product	Unit
MB-SP816K1SH	11 ports switch with 8*100/1000M bit PoE ports,2*10/100/1000M Uplink Port and 1*1000Mbps SFP Slot ,PoE Standard: IEEE 802.3af/at,PoE data & power transmission distance 100meters(100Mbps),250meters(10Mbps),power supply :120W,support Watchdog function	pc