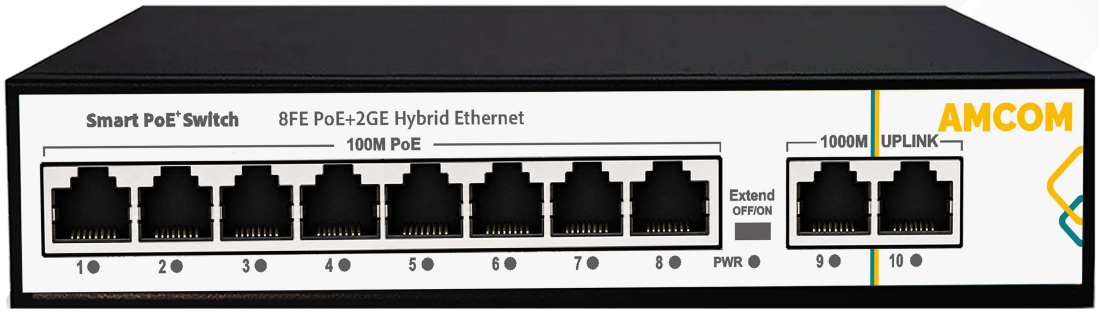


The 8-port 10/100Mbps unmanaged PoE switch delivers reliable Ethernet connectivity along with PoE power for devices such as IP surveillance cameras and wireless access points. It integrates data transmission and power supply into a single solution, ensuring efficient deployment.

This switch is equipped with 8 PoE+ ports supporting 10/100Mbps and 2 uplink ports supporting 100/1000Mbps speeds, the switch supports powering cameras via CAT 5 or higher UTP cables. All downlink ports comply with IEEE 802.3af/at standards, providing up to 30W per port with a total PoE budget of 120W. A priority mechanism ensures that high-priority ports maintain power when demand exceeds capacity, preventing overload and safeguarding connected equipment.

The PoE ports feature a smart function that continuously monitors communication status. In case of a fault, the affected port automatically restarts to restore connectivity, minimizing downtime and reducing the need for manual intervention. This makes the switch a key element in building AI-enabled intelligent security transmission systems.

For user convenience, each port is equipped with clear power and status indicators to display operational conditions. With its plug-and-play design, no configuration is required, making installation simple and efficient for both professional and everyday applications.

FEATURES

- 8 × 10/100Mbps PoE ports and 2 × 10/100/1000Mbps uplink ports
- Compliant with IEEE 802.3af/at standards
- Supports network storm control and VLAN functionality
- PoE transmission distance up to 250m
- Built-in power supply
- Maximum per-port PoE output: 30W
- Total PoE power budget: 120W
- Smart function for automatic fault detection and recovery
- All ports support MDI/MDIX auto-flip and self-negotiation
- Store-and-forward switching architecture for reliable data handling
- Fanless, compact, and quiet operation
- Natural cooling system
- Lightning protection up to 4kV
- Suitable for desktop or wall mounting

Specifications

Model	HW-02F10-GU

Network Connector

Network Port

PoE Ethernet Port	1~8 Port : 10/100Mbps
Ethernet port	Uplink Port: 10/100/1000 Mbps
Smart Function	1-8 port

Transmission Distance

1~8 Port : 100Mbps: 0~100m; 10Mbps: 0~250m;	Uplink Port : 0 ~ 100m

Transmission Medium

Cat5/5e/6 standard network cable

Power Over Ethernet

PoE Standard	IEEE 802.3af/at
PoE Power Supply	1/2 +, 3/6 -, 4 core power supply
PoE Power	af=15.4W, at=30W

Network Switch

Network Standard
IEEE802.3/802.3u, IEEE802.3x, IEEE802.ab

Switching Capacity	5.6Gbps
Packet Buffer Memory	1Mbits
Throughput	4.1664Mpps
MAC Table	2K

Packet Forwarding rate
10Mbps:14880pps/port; 100Mbps:148800pps/port; 1000Mbps:1488000pps/port

RJ45 port

Port Function
Power priority mechanism, fast forward switching, MAC learning & aging;
IEEE802.3X full duplex; backpressure in half duplex

LED Indicator

LED Indicator
LINK/ACT.100Mbps; PoE Status Indicator; Power Indicator; Extender

Power

Power Adaptor Voltage	AC 110V-240V
Consumption	120W(52V, 2.8A)

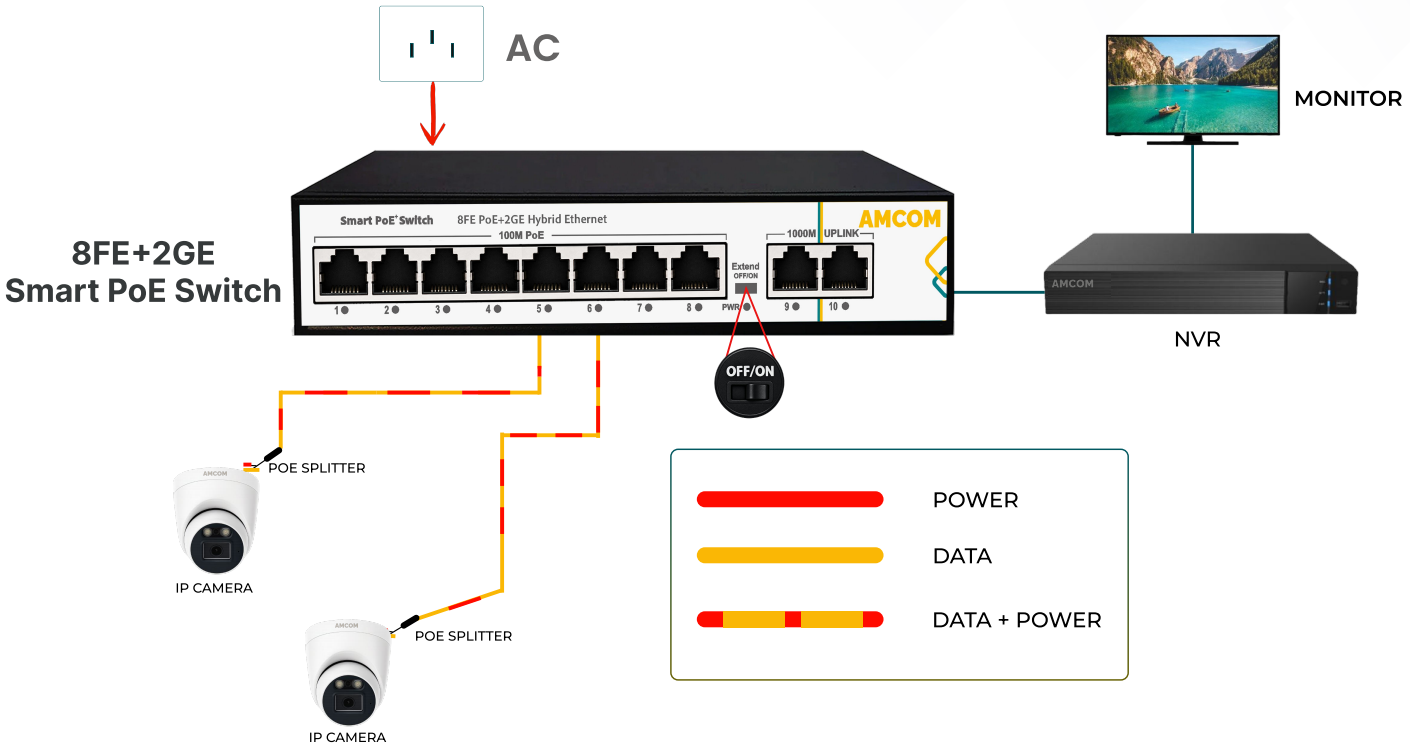
Environmental

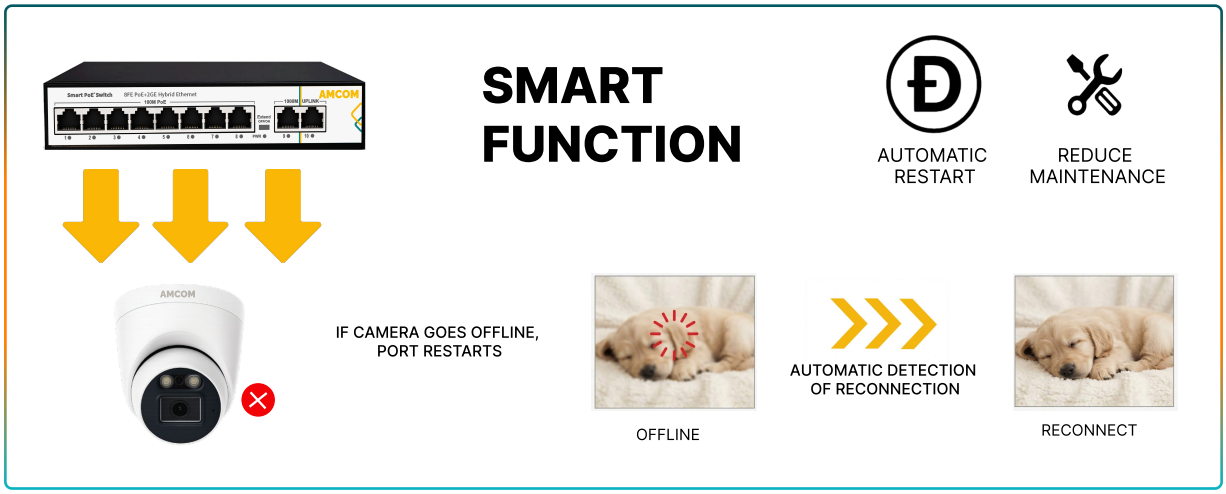
Lightning Protection	4kV
Working temperature	0°C~55°C
Relative Humidity	20~95%
Storage temperature	-20°C~70°C

Mechanical

Dimension (L×W×H)	190mm*125mm*38mm
Color	Black
Weight	0.81 kg

Application





Model Number	Description of product
HW-02F10-GU	10-port switch with 8 × 10/100Mbps PoE ports and 2 × 10/100/1000Mbps uplink ports, compliant with IEEE 802.3af/at standards. Supports PoE data and power transmission up to 100m at 100Mbps and 250m at 10Mbps. Equipped with smart function for automatic fault detection and recovery.