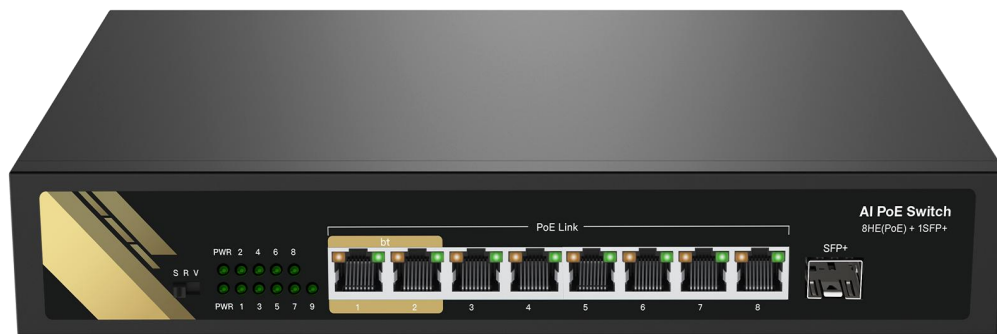**YUNCORE**
Specializing in Commercial Wireless Network Communication Solutions
Access Points / Wireless Bridges / Switches /Gateways

Switches

8+1-Port 10GbE Uplink
Unmanaged 2.5G Commercial PoE Switch

SPB-8081-08H1XS-SC

Overview

The YUNCORE®SPB-8081-08H1XS-SC is a 9-port 2.5G Ethernet PoE switch, provide 8 2.5G PoE ports, 1 10GE SFP+ uplink ports. It comes with a built-in safety-certified power supply, complies with IEEE 802.3af/at standards, automatically identifies powered devices, and ensures safe power delivery.

Features

- Complies with IEEE 802.3af/at/bt standards, automatically identifies powered devices (PDs), and delivers safe power supply
- Provides 8×10/100/1000/2500Mbps PoE ports+1×10Gbps SFP+ uplink port
- Total power:120W; maximum output power per port: 60W
- DIP switch, supporting both VLAN and standard switch operation modes
- Supports 4KV surge protection
- Supports overload protection
- Full metal casing with efficient heat dissipation
- Plug and play, zero configuration

Specification

PoE Standard	IEEE 802.3 10BASE-T Ethernet; IEEE 802.3u 100BASE-TX Fast Ethernet; IEEE802.3ab 1000BASE-T Gigabit Ethernet; IEEE 802.3bz 2.5GBASE-T 2.5G Ethernet; IEEE 802.3az (Half-Duplex, Full-Duplex);
Fixed Ports	8×10M/100/1000/2500Mbps PoE ports with 52V PoE power supply, compliant with IEEE 802.3af/at, max. 30W per port; 1×10Gbps SFP+ uplink port; 1× DIP Switch (S: Standard Mode R: Reset Mode V: VLAN Mode);
Fixed Port Attributes	Supports 10M/100M/1000M/2500Mbit/s transmission rates; Supports half-duplex, full-duplex, and auto-negotiation modes; Supports MDI/MDI-X auto-sensing;
PoE	Adaptive power output supports IEEE 802.3af (15.4W) , IEEE 802.3at (30W), IEEE 802.3bt（90W）; Power pinout: 1/2/7/8- 3/4/5/6+;
Exchange Mode	Store-and-forward mode
Packet Forwarding Rate	44.64Mpps
Backplane Bandwidth	60Gbps

MAC Address Table	Supports up to 4K MAC addresses; Supports automatic address learning and aging;
Indicator Lights	PWR (Green Light): Green steady on when powered; off when unpowered; Each Ethernet Port (2 Lights):Left (Orange): Orange steady on when 2.5G Link is established; orange flashing during activity; Right (Green): Green steady on when 10/100/1000Mbps Link is established; green flashing during activity; Each Fiber Port (1 Light): Green steady on when Link is established; green flashing during activity; PoE Indicator: Green steady on when a load is connected; off when no load is present;
Power Consumption	Total power consumption (without PoE load) < 9.1W
Power Supply	Input voltage: AC 100 ~ 240V; Maximum total output power: 52V/2.3A 120W;
Network Cable Type	10Base-T: Cat3, Cat4, Cat5 or above UTP (≤100m); 100Base-TX: Cat5 or above UTP (≤100m); 1000Base-T : Cat5e or above UTP/STP(≤100m); 2500BASE-T: Cat 6 or above UTP/STP(≤100m); 1000BASE-X; 10GBASE-X;
Dimensions	220mm×162mm×43.2mm (bare unit)
Work Environment	Working temperature: -10℃ to +55℃ Storage temperature: -40℃ to +70℃ Humidity: 5% to 95% (no condensation)