

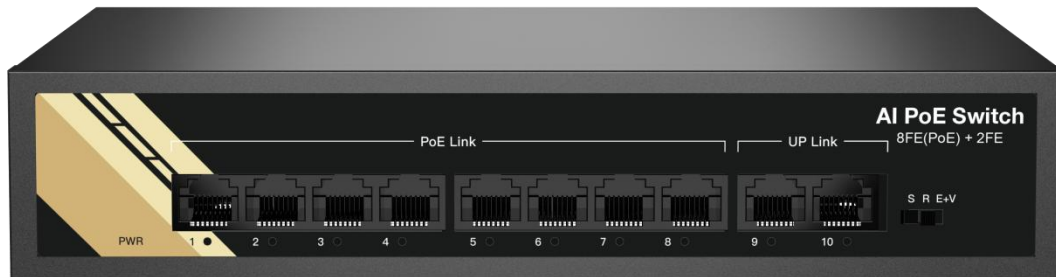
YUNCORE

Specializing in Commercial Wireless Network Communication Solutions

Access Points / Wireless Bridges / Switches / Gateways

8+2-Port Fast Ethernet Unmanaged Commercial PoE Switch

SPB-3100-10FN-SA



Overview

The YUNCORE® SPB-3100-10FN-SA is a 10-port Fast Ethernet PoE switch, provide 8 PoE ports and 2 RJ45 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 standards, automatically identifies powered devices (PDs), and delivers safe power supply
- Provides 8×10/100Mbps PoE ports+2×10/100Mbps RJ45 uplink ports
- Total power: 65W; maximum output power per port: 30W
- Equipped with a DIP switch, allowing for mode selection between standard switch mode and 250-meter cable extension + VLAN mode
- 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; IEEE 802.3az (Half-Duplex, Full-Duplex);
Fixed Ports	8×10M/100Mbps PoE ports with 52V PoE power supply, compliant with IEEE 802.3af/at, max. 30W per port; 2×10M/100Mbps RJ45 uplink port; 1×DIP Switch (S: Standard Mode R:Reset E+V: Extend Mode+VLAN Mode)
Fixed Port Attributes	Supports 10M/100Mbps 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) and IEEE 802.3at (30W); Power pinout: 1/2+ 3/6-;
Exchange Mode	Store-and-forward mode
Packet Forwarding Rate	1.488Mpps
Backplane Bandwidth	1.6Gbps
MAC Address Table	Supports up to 1K MAC addresses; Supports automatic address learning and aging;

Indicator Lights	PWR (Power): Green light on when powered; Port: Green steady light when linked, flashing during activity;
Power Consumption	Total power consumption (without PoE load) < 5W
Power Supply	Input voltage: AC 100 ~ 240V; Maximum total output power: 52V/1.25A 65W;
Network Cable Type	10Base-T: Cat3, Cat4, Cat5 or above UTP (≤100m); 100Base-TX: Cat5 or above UTP (≤100m);
Dimensions	200mm×118mm×44mm (bare unit)
Work Environment	Working temperature: -10°C to +55°C Storage temperature: -40°C to +70°C Humidity: 5% to 95% (no condensation)