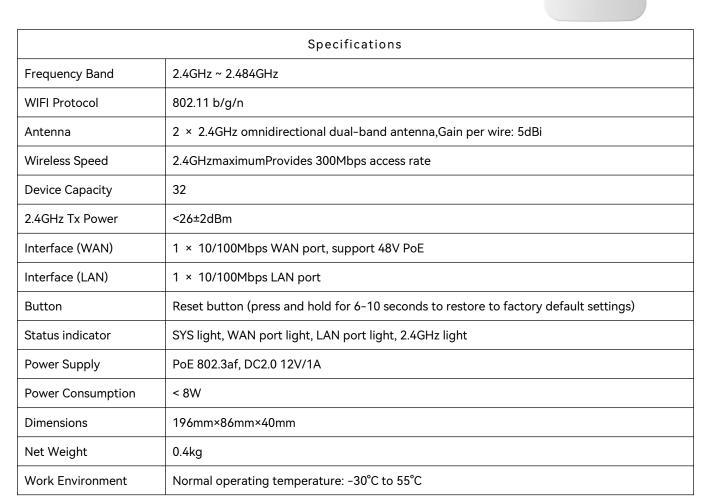# AP300F Product Specifications

Product Overview

YUNCORE® AP300F is an entry-level 802.11n outdoor wireless access point product that can

provide 2.4GHz wireless services and a maximum access rate of 300Mbps at 2.4GHz.

Product Features

- Supports both 48V PoE and 12V DC power supply.

- Small and stylish, easy to install.

- Very low power consumption.

Specifications	
Frequency Band	2.4GHz ~ 2.484GHz
WIFI Protocol	802.11 b/g/n
Antenna	2 × 2.4GHz omnidirectional dual-band antenna,Gain per wire: 5dBi
Wireless Speed	2.4GHzmaximumProvides 300Mbps access rate
Device Capacity	32
2.4GHz Tx Power	<26±2dBm
Interface (WAN)	1 × 10/100Mbps WAN port, support 48V PoE
Interface (LAN)	1 × 10/100Mbps LAN port
Button	Reset button (press and hold for 6-10 seconds to restore to factory default settings)
Status indicator	SYS light, WAN port light, LAN port light, 2.4GHz light
Power Supply	PoE 802.3af, DC2.0 12V/1A
Power Consumption	< 8W
Dimensions	196mm×86mm×40mm
Net Weight	0.4kg
Work Environment	Normal operating temperature: -30℃ to 55℃

	Storage temperature: -40℃ to 70℃ Humidity: 5% to 95% (no condensation)
Protection Level	IP65

Software Features	
Front Page	Working mode: Fat AP mode and Thin AP mode Wireless AP download rate, wireless AP upload rate, running time Device information, device description, intranet information, WIFI information
Support Mode	Gateway mode: The device is connected to the WAN through the WAN port and then uses static IP, DHCP or PPPOE to access the Internet Relay mode: In this mode, the device will extend the wireless network signal to other clients or devices, and use an Ethernet cable to connect to other routers to access the WAN. AP mode: The device covers other clients and devices with wireless network signals and uses Ethernet to connect to other routers to access the WAN.
Wireless Capabilities	SSID Broadcast Number of SSIDs: 4 (2.4GHz), supports Chinese SSID Hide SSID function Wireless encryption: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-AES Wireless MAC address filtering: support whitelist WiFi timer off function User isolation: isolation between wireless networks and isolation within APs Transmit power setting Wireless client number limit QoS: WMM
Network Features	Connection method: static address, obtained from the management server, obtained from the gateway DHCP server: It can be a built-in DHCP server or an external DHCP server Cloud Platform Server Firewall function PPPOE function: support PPPOE dial-up function
Device Management	Backing up configuration information Restore configuration information Restore factory settings Restart includes scheduled restart and immediate restart Firmware Upgrade Time management includes system display time and time synchronization System log Fat and thin AP switching function