

CPE300-F210 Product Specifications Document

Description:

YUNCORE® CPE300-F210 is a high-performance outdoor wireless bridge operating at 2.4GHz (802.11n compliant), featuring long-range transmission, strong penetration, and anti-interference capabilities.

Features:

- Supports dual power options: 24V PoE and 12V DC;
- Built-in 14dBi high-gain antenna, supports up to 1.5KM range;
- Digital display for easy configuration without a PC;
- Four ethernet ports design facilitates expanding connected terminals;
- TVS protection for enhanced stability in harsh environments;



Specifications	
Frequency Band	2.4GHz ~ 2.484GHz
WIFI Protocol	802.11b / g / n
Wireless Speed	300Mbps
Antenna	Built-in directional flat-panel antenna, gain: 14dBi
Interface (WAN)	1/10/100M WAN Port, Supports 24V PoE
Interface (LAN)	3/10/100M LAN Port
Power supply	24V PoE, DC12V
Button	Reset Button (hold 6-10 seconds to restore factory defaults) 1 × DIP switch (Right: Master / Left: Slave) 2 digital display control buttons (Function "F" and Select "S")
Display Screen	Digital tube display (shows Master/Slave status, channel, signal strength bars, etc.)
Power Consumption	< 6W
Dimensions	190mm×110mm×50mm
Net Weight	0.28kg
Work Environment	Working:-30°C to 55°C; Storage: -40°C to 70°C; Humidity: 5% ~ 95% (Non-Condensing)
IP-rated Protection	IP65

Software Features	
Dashboard	Wireless AP download, Wireless AP upload rate, System uptime
	Device information (description, LAN status, WiFi configuration)
Operation Modes	AP Mode: Provides wireless coverage to client devices while connecting to upstream router via Ethernet for WAN access.
	Universal Repeater Mode: Establishes wireless connection to another AP while simultaneously providing wireless coverage to clients.
Wireless Features	SSID Broadcast
	SSID Quantity: 4
	Hidden SSID capability
	Authentication methods: OPEN、WPA/WPA2PSK_TKIPAES
	Configurable channel and channel bandwidth
	Wireless MAC address filtering
	VLAN ID: VLAN-ID(valid range: 3-4094; 0=disabled)
	Scheduled WiFi shutdown
	Client isolation
	Transmit power adjustment
	Wireless client limit
	WiFi environment analysis
	Multicast acceleration
Network Features	IPv4 Address: Supports static IP, or obtains address from management server/gateway.
	DHCP Server: DHCP server can be internal or external.
	Cloud platform integration
Device Management	Configuration backup
	Configuration restore
	Factory reset
	System reboot (immediate or scheduled)
	Password modification
	Firmware upgrade (with optional post-upgrade factory reset)
	Time management (display and NTP synchronization)
	System logs
	Multicast acceleration

