

CPE200 Product Specifications Document

Description:

YUNCORE® CPE200 is a high-performance outdoor wireless bridge operating at 5.8GHz (802.11n compliant), featuring long-range transmission, strong penetration, and anti-interference capabilities.

Features:

- TVS protection for enhanced stability in harsh environments;
- Built-in 12dBi directional flat-panel antenna , supports up to 2KM range;
- Enables point-to-point and point-to-multipoint outdoor coverage and applications;
- Dual-Ethernet-port design facilitates expanding connected terminals;
- Digital display for easy configuration without a PC .



Specifications	
Frequency Band	5.150GHz ~ 5.850GHz
WIFI Protocol	802.11 a / n /ac
Wireless Speed	867Mbps
Antenna	Built in directional flat-panel antenna , gain: 12dBi
Tx Power	< 19±2 dBm
Interface (WAN)	1/10/100Mbps WAN Port, 24V PoE
Interface (LAN)	1/10/100Mbps LAN Port
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.)
Status Indicator	PWR, WAN , LAN, WiFi
Power Supply	12~24V PoE
Power Consumption	< 5W

Dimensions	168mm×88mm×57.6mm
Net Weight	0.24kg
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
Network Features	WiFi environment analysis
	Multicast acceleration
	IPv4 Address: Supports static IP, or obtains address from management server/gateway.
Device Management	DHCP Server: DHCP server can be internal or external.
	Cloud platform integration
	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