CPE-200 Product Specifications Document

Description：

YUNCORE® CPE-200 A high-performance indoor wireless bridge operating at 2.4GHz (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 high-gain antenna ，supports up to 2KM range;

- Digital display for easy configuration without a PC;

Specifications	
5G Operating Frequency Band	5.150GHz ~ 5.850GHz
5G WIFI Transmission Protocol	802.11 a / n /ac
Peak data rate	867Mbps
Antenna	Panel directional antenna gain: 12dBi
5G Wireless power	＜19±2dBm
Interface （WAN）	1/10/100M Self-adaptive WAN Port，24V PoE
Interface （LAN）	1/10/100M Self-adaptive 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")
Status indicator	LED indicators:PWR、WAN Port、LAN、WiFi、Digital display
Power supply	24V PoE
Max Power Consumption	< 5W
Product Dimensions、Weight	168mm×88mm×57.6mm、0.24kg
Work Environment	Working:-30℃ to 55℃; Storage: -40℃ to 70℃; 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
	IGMP Snooping
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

ODM-focused wireless communications solutions manufacturer.