CPE-120M Product Specifications Document

Description:

YUNCORE® CPE-120M 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 8dBi high-gain antenna ，supports up to 1.5KM range;

- Digital display for easy configuration without a PC;

Specifications	
2.4G Operating Frequency Band	2.4GHz ~ 2.484GHz
2.4G WiFi Transmission Protocol	802.11b / g / n
Peak data rate	300Mbps
Antenna	2 × 2.4G antennas，Each with [X] dBi gain：8dBi
2.4G Wireless power	<21±2dBm
Interface	1/10/100M Self-adaptive WAN Port，Standard 24V PoE 1/10/100M Self-adaptive LAN Port
Button	Reset Button（hold 6-10 seconds to restore factory defaults, 1-second short press for one-touch pairing） 1 × DIP switch (Right: Master / Left: Slave) 2 digital display control buttons (Function "F" and Select "S")
Status indicator	LED indicators: WAN, LAN, WiFi (×1), PWR，Digital display
Power supply	24V PoE
Max Power Consumption	< 5W
Product Dimensions、Weight	168mm×88mm×57.52mm、0.2412kg
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.