

WIRELESS CPE

5.8GHz 900Mbps 5km Outdoor Wireless CPE Bridge

Model CPE295



CPE295 5.8GHz outdoor wireless bridge with a 14dBi MIMO antenna, Gigabit Ethernet and 802.3af/at PoE for line-of-sight links up to 5km.

Features

- 5.8G 900M 5KM Wireless CPE
- Support Standard PoE 802.3af/at power supply and 9V-48V DC power supply
- 5.150GHz-5.850GHz Extension Channel
- Auto-connect for PTP / PTMP application
- Built-in 2x2 dual-polarized directional MIMO 14dBi antenna
- 1*10/100/1000 Mbps LAN port
- Transmitting power: $\leq 23\text{dBm}$

Model	CPE295
Product shape	Outdoor pole type or wall hanging
Product size	177*80*55
Application scenarios	Tower crane, orchard, aquaculture, factory, school, community, Office cross-street video convergence wireless transmission and broadband operation transmission
Operating Frequency Range	5.8GHz
Maximum access rate	867Mbps
Wireless protocol standard	IEEE 802.11a/n/ac
Ethernet interface	1×10/100/1000Mbps LAN Port
TDMA agreement	The fifth generation TDMA5 agreement
Reset button	1
LED light	1xPOE, 1xLAN, 1x wireless pairing, 3x signal strength indicator light
Antenna gain	14dBi dual polarized directional antenna
Antenna Angle	Horizontal Angle 30°, vertical Angle 30°
DC	1xDC port
Full load power consumption	6.5W
Dustproof and waterproof Level	IP64
Power supply way	Standard POE 802.3af/at power supply, 9V-48V DC power supply, 48V passive POE
Power supply distance	PoE power supply distance is 100 meters
11a 6Mbps transmitted power	25dBm (single port, 2×2 MIMO transmitted power 28dBm)
11a 54Mbps transmitted power	23dBm
11n MCS transmitted power	23dBm
11ac MCS9 transmitted power	22dBm
11a 6Mbps receiver sensitivity	-93dBm ±1.5dBm
11n MCS7 receiver sensitivity	-73dBm ±1.5dBm
11ac MCS9 receiving sensitivity	-64dBm ±1.5dBm
Working mode	AP, client, Wireless WAN, P2MP, Relay, Routing
Power on the automatic bridge	Support (Restore factory settings only)
Channel bandwidth	10/20/30/40MHz
TDMA private contract	The fifth generation TDMA5
Transparent bridge	Support
SSID Hidden	Support
SSID quantity	1

WEP encryption	Supports 64/128-bit encryption
WPA-PSK encryption	AES/TKIP
WPA2-PSK encryption	AES/TKIP
WPA encryption	Support
WPA2 encryption	Support
Wireless access control	Support filtering based on MAC addresses, AP isolating, Client side access restriction, RSSI threshold Settings
Channel offset	Support
WMM	Support
DHCP servicer	Support
SNMP	V1, V2C
Diagnostic tools	Supports ping, Trace route, signal scanning, and Ping watchdog
Scheduled restart	Support
Device management	Device management, Software upgrade, Device restart, Restoring factory Settings, Configuration backup & restoration, Log function, Bridge assistant management
Default login	192.168.2.66
Default username	admin
Default password	admin01
Working temperature	-30°C to 55°C
Working humidity	10%-90%RH (non-condensing)
Storage temperature	-40°C to 70°C
Storage humidity	10%-90%RH (non-condensing)



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