

# 900Mbps 5.8G 5KM Outdoor CPE

Model: CPE295



## Product Introduction

CPE295 is an outdoor 5.8GHz Gigabit monitoring transmission bridge designed for short and medium distance video convergence wireless transmission and broadband operation transmission scenarios such as tower cranes, orchards, aquaculture, factories, schools, communities, offices across streets . The device uses Qualcomm 775MHz main frequency chip ,Working in the 5.8GHz band, 11AC 2T2R technology can provide wireless data transmission rate of up to 867Mbps with 20 high-definition cameras can be taken from 5km point to point. Chip built-in RF power amplifier and 14dBi high-gain directional antenna, outdoor point-to-point bridge distance up to 5 kilometers. Based on the pole design, can be directly installed on the rod or column items, beautiful and generous, Industrial grade advanced waterproof and dustproof plastic shell. 4000v port lightning protection design, can work in a variety of wind, rain, snow and other extreme outdoor environment.

## Features

- ⦿ Network bridge Automatic pairing after power on
- ⦿ 802.3af/at PoE/12V1A DC 100m network cable Power supply
- ⦿ Support AP, client side, wireless WAN working mode
- ⦿ 14dbi high gain directional antenna
- ⦿ IP64 level waterproof and dustproof
- ⦿ 5.8GHz 11AC 867Mbps
- ⦿ Gigabit wired port

## Specification

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
Ethernet interface	1x10/100Mbps 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	13dBi dual polarized directional antenna
Antenna Angle	Horizontal Angle 30 degrees ,vertical Angle 30 degrees
DC	1xDCport
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,2x2MIMO 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	AES/TKIP

WPA2-PSK encryption	AES/TKIP
WPA encryption	Support
WPA2 encryption	Support
Wireless access control	Support Filtering based on MAC addresses
Wireless access control	Support
AP isolating	Support
Client side access restriction	Supports RSSI threshold Settings for wireless clients
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	Support
Device restart	Support
Restoring device factory Settings	Support
Configuration backup	Support
Configuration restoration	Support
Log function	Support
Bridge assistant management	Support
Default login	192.168.2.66
The default user name	admin
The default password	admin01
The default password	-30°Cto 55°C
Working humidity	10%-90%RH (non-condensing)
Storage temperature	-40°C to70°C
Storage humidity	10%-90%RH (non-condensing)

# HIMAX



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