

5.8G 900M 10KM Wireless CPE

Model: CPE2910



The CPE2910 Delivers Over 500 Mbps Throughput Using 802.11ac Radio And Proprietary IPoll Protocol. Powered By A QCA9563 CPU, QCA9882 Radio, And Advanced RF Design, It Supports 256-QAM For Extended Range And Capacity. A 24V Gigabit Ethernet Port Enables Full Performance In Point-To-Point Or Point-To-Multipoint Networks.

- 5.8G 900M 10KM Wireless CPE
- Built-in 2×2 dual-polarized directional MIMO 23dBi antenna
- 10/100/1000 Base-T, RJ45
- 5.150GHz–5.850GHz Extension Channel
- Transmitting power: ≤ 52dBm
- PoE 24V input
- Auto-connect for PTP / PTMP application

Model	CPE2920
WLAN Standard	IEEE 802.11a/n/ac ipoll3
Radio mode	MIMO 2×2
Product size	Host: 216x102x59mm, Antenna: 420x420x120mm
Weight	Host: 0.46kg, Antenna: 3.4kg
Application scenarios	Tower crane, orchard, aquaculture, factory, school, community, Office cross-street video convergence wireless transmission and broadband operation transmission
Operating Frequency Range	4800MHz-6500MHz
Maximum access rate	867Mbps
Wireless protocol standard	IEEE 802.11a/n/ac ipoll3
Ethernet interface	1×10/100/1000Mbps Base-T RJ45 Port
Reset button	1
Antenna gain	29dBi high gain dish antenna
Antenna Angle	Horizontal Angle 45°, Vertical Angle 45°
Full load power consumption	7W
Dustproof and waterproof level	IP67
Power supply	24V passive POE
Power supply distance	PoE power supply distance is 100 meters
40MHz Modulation, Mbps	400, 360, 300, 270, 240, 180, 120, 90, 60, 30
40MHz Tx power, dBm	28, 29, 29, 30, 30, 30, 30, 30, 30, 30
40MHz RX Sensitivity, dBm	-70, -72, -76, -78, -80, -84, -87, -92, -94, -95
80MHz Modulation, Mbps	866, 780, 650, 585, 520, 390, 260, 195, 130, 65
80MHz Tx power, dBm	27, 27, 27, 28, 29, 29, 30, 30, 30, 30

80MHz RX Sensitivity, dBm	-64, -66, -70, -72, -74, -78, -81, -85, -88, -90
Modulation schemes	802.11 a/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11 ac: OFDM (256-QAM, 64-QAM, 16-QAM, QPSK, BPSK)
Data rates	802.11 ac @ 40 MHz: 400, 360, 300, 270, 240, 180, 120, 90, 60, 30 Mbps 802.11 ac @ 80 MHz: 866, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps
Radio frequency band	5 GHz: 5.150 – 5.850 GHz (FCC 5.150 – 5.250 和 5.725 – 5.850 GHz)
Tx power	Up to 30dBm (country dependent)
RX sensitivity	-95 ~ -75dBm (country dependent)
Channel size	5, 10, 20, 40, 80 MHz
Error correction mode	FEC, LDPC
Duplex Mode	TDD
System monitoring	-40°C ~ +65°C, SNMP, Syslog, Web UI, WNMS
Configuration	WebUI, WNMS, 5 ~ 90% (non-condensing)



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