

5.8G 900M 20KM Wireless CPE

Model: CPE2920



The CPE2920 Is An Outdoor 5.8GHz Gigabit Wireless Bridge For Short- And Mid-Range Video And Broadband Transmission. Featuring A Qualcomm 9563 CPU, QCA9882 Radio, 11AC 2×2 MIMO, And A 29dBi Dish Antenna, It Delivers Up To 867Mbps Over Distances Up To 20km. With Pole-Mount Design, IP-Rated Enclosure, And 4000V Lightning Protection, It Ensures Reliable Operation In Harsh Outdoor Environments.

- 5.8G 900M 20KM Wireless CPE
- 24V DC PoE 100m network cable power supply
- 10/100/1000 Base-T, RJ45
- Support AP, client side, wireless WAN working mode
- 29dBi high-gain dish antenna
- IP67 level waterproof and dustproof
- 5.8GHz 11AC 867Mbps
- Auto-connect for PTP / PTMP application

Model	CPE2910
WLAN standard	IEEE 802.11 a/n/ac, iPoll 3
Radio mode	MIMO 2×2
Radio frequency band	5 GHz: 4.9 – 6.1 GHz (FCC 5.150 – 5.250 和 5.725 – 5.850 GHz)
Tx power	Up to 29dBm (country dependent)
RX sensitivity	–95 ~ –75dBm (country dependent)
Channel size	5, 10, 20, 40, 80 MHz
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
Error correction	FEC, LDPC
Duplexing scheme	Time division duplex
40MHz Modulation, Mbps	400, 360, 300, 270, 240, 180, 120, 90, 60, 30
40MHz Tx power, dBm	26, 26, 27, 28, 29, 29, 29, 29, 29, 29
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	25, 25, 26, 26, 27, 27, 28, 29, 29, 29
80MHz RX Sensitivity, dBm	–64, –66, –70, –72, –74, –78, –81, –85, –88, –90
Type	Integrated dual-polarized parabolic antenna
Gain	23dBi
Interface	10/100/1000 Base-T, RJ45
Dimensions	348mm × 266mm × 254mm
Weight	760g
Mounting	Pole mounting bracket included
Power supply	24 VDC passive PoE (AC to 24 VDC adapter included)
Power source	100 – 240V AC
Humidity	7W
System monitoring	–40°C ~ +65°C, SNMP, Syslog, Web UI, WNMS
Configuration	WebUI, WNMS, 5 ~ 90% (non-condensing)

Frequency range	4.9–6.1GHz
Polarization	Dual linear
VSWR	<1.5
Azimuth beamwidth (H pol)	7°
Azimuth beamwidth (V pol)	7°
Elevation beamwidth	7°





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