

900Mbps 5.8G 10KM Outdoor CPE

Model: CPE2910



Product Introduction

CPE2910 500+ Mbps throughput - a result of powerful hardware platform with 802.11ac technology based radio and a proprietary data transmission protocol (iPoll). Incorporating a QCA9563 CPU (750 MHz), a QCA9882 radio and 64 MBytes of RAM and 16MBytes of flash memory the, xxx series devices are an ideal solution for capacity demanding applications. State of the art RF design with great output power and sensitivity parameters improve range and capacity over highest the modulation - 256 QAM. The 24V Gigabit Ethernet port (passive PoE) allows utilizing the full capacity of the radio when used in a point-to-point or point-to-multipoint network design. LDHB ac series devices are backwards compatible with LDHB devices using iPoll mode, which helps to expand or upgrade existing networks using the latest technologies over time.

Features

- 5.8G 900M 10KM Wireless CPE for CCTV
- Built-in 2×2 dual-polarized directional MIMO 23dBi antenna
- 5.150GHz~5.850GHz Extension Channel
- Transmitting power: ≤ 52dBm
- PoE 24V input
- auto-connect for PTP/PTMP application, no need setting software

Specification

Model		CPE2910									
WLAN standard		IEEE 802.11 a/n/ac, iPoll 3									
Radio mode		MIMO 2x2									
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 ,80MHz									
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
	Tx power, dBm	26	26	27	28	29	29	29	29	29	29
	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
	Tx power, dBm	25	25	26	26	27	27	28	29	29	29
	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 is included in the package)									
Power source		100 - 240V AC									
Humidity		7W									
System monitoring		-40° C ~ +65° C									
Configuration		5 ~ 90 % (non-condensing)									
System monitoring		SNMP, Syslog, Web UI, WNMS									
Configuration		WebUI, WNMS									
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°



HIMAX



HIMAX TECHNOLOGY LIMITED

www.himax-technology.com

Email: sales@himax-technology.com

F10, Fuhong Building, No.120 Yongfu Road, Qiaotou Community Fuhai Street, BaoanDistrict, Shenzhen China



Company Website