Products

KuWfi

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2.4GHz 150Mbps Wireless Bridge/CPE

Noted:The 1-2km distance based on Point to Point Mode with 2pcs CPE ,without obstacle ,and also according your network environment,not 100%,hope you can understand .thanks!Description:&
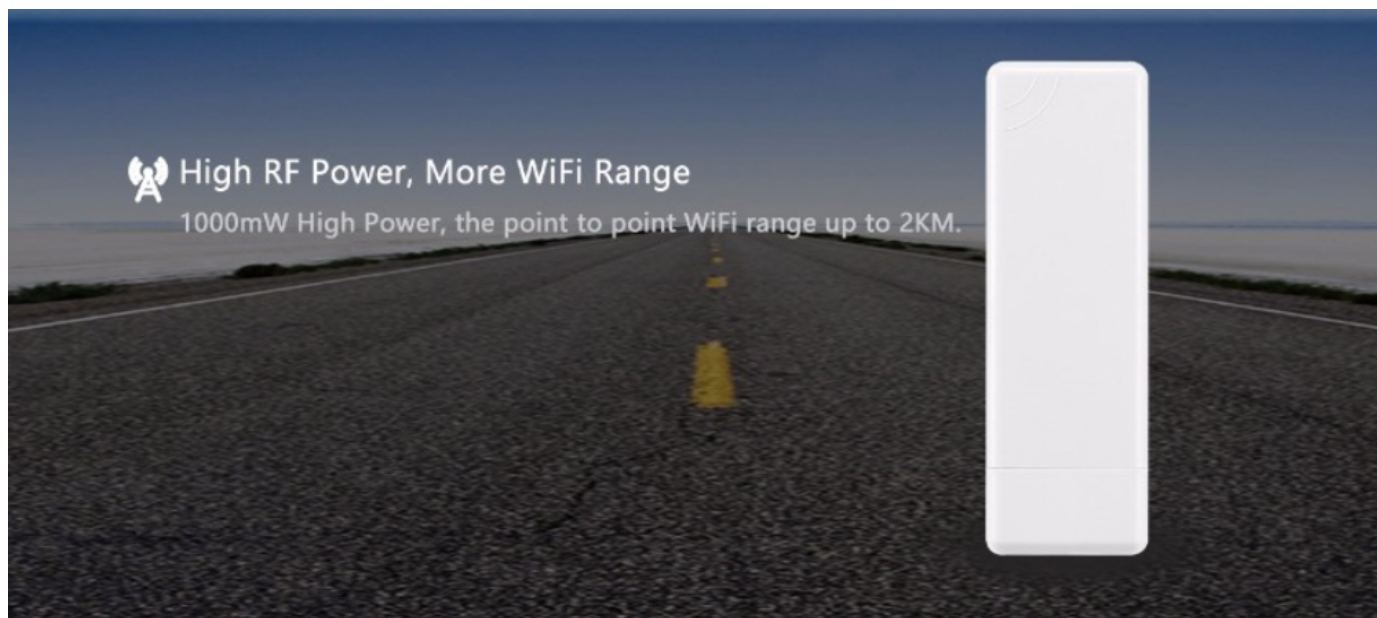
Model : CPE150

Working Mode :
Gateway/AP/Repeater/WISP/WDS mode

Chipset : QCA9531

WAN Ports : 2*10/100Mbps WLAN Port

Support network :

High RF Power, More WiFi Range
1000mW High Power, the point to point WiFi range up to 2KM.

Model : CPE150

Working Mode :
Gateway/AP/Repeater/WISP/WDS mode

Professional Outdoor Design for Safety Application
Weatherproof house together with Lightning and ESD protection, to guarantee the outdoor application safety

Multiple Operation Mode apply to Different Network
With Wireless AP, Gateway, WiFi Repeater(Pass Through), WISP, Super WDS operation mode to meet with different network architecture requirement

Noted:The 1-2km distance based on Point to Point Mode with 2pcs CPE ,without obstacle ,and also according your network environment,not 100%,hope you can understand .thanks!

Description:

CPE150 is a 150Mbps outdoor long distance wireless AP/CPE with Qualcomm Chipset, build in 12dBi high gain directional antenna, 2KM point to point distance.
It support Wireless AP, Gateway, WISP, Wireless Bridge operation mode, effective solution for PTP, PTMP application and outdoor long range wifi coverage application.
With an outdoor waterproof and dustproof enclosure,buidling in lighting protection IC, support 24V passive PoE, CPE150 can be used in various weather conditions

Features :
1000mW High Power, More WiFi Range

CPE150's RF power can reach to 1000mW, equipped with 12dBi Panel Antenna, PTP WiFi distance up to 2000 meters. Meanwhile, the RF Power is adjustable for different country to comply with different WiFi Standards in different country
Multi operation mode for different application environment.

CPE150 support multi operation mode such as Gateway, Wireless AP, Repeater, WISP, WDS mode to meet with multi application for different environment.
PoE Power and DC Power together make installation flexibility

CPE150 support 24V passive PoE for some areas where power outlets are not readily available; It support DC power supply for some area near to power socket, flexibility in installation

Excellent Outdoor Weatherproof and Lighting Protection

With an outdoor waterproof and dustproof enclosure,buidling in lighting protection IC, CPE150 can be used in various weather conditions for stable performance;

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SPECIFICATION	
Hardware	
Wireless Technology	802.11n standard, 1T1R 150Mbps data rate
Interface	2*10/100Mbps WLAN Port
	1*Reset Button for restore factory default settings
	1*DC power Port
Frequency Band	2.4GHZ
Antenna	12dBi directional antenna
LED Indictor	Power, WiFi, WAN, LAN, Signal Stength LED
Power	DC 12V/1A;24V POE Power
Size	233mmX77mmX35mm
Data Rate	150Mbps
Chipset	QCA9531
Memory	Flash:16M
	RAM:64M
Software Features	
Operation Mode	Gateway/AP/Repeater/WISP/WDS mode

SPECIFICATION	
Network Standard	IEEE 802.3(Ethernet)
	IEEE 802.3u(Fast Ethernet)
	IEEE 802.11n/g/b
RF Output Power(Typical)	802.11n: 25±2dBm for OFDM mode
	802.11g: 27±2dBm for OFDM mode
	802.11b: 30±2dBm fro CCK mode
Receive Sensitivity	11n : -72±2dBm@10% PER
	11g : -75±2dBm@10% PER
	11b : -92±2dBm@8% PER
Wireless Security	WEP Encryption-64/128/152 bit
	WPA/WPA2 Personal Encryption (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise Encryption (WPA-EAP using TKIP)
	Hide SSID
RF Output Power(Typical)	802.11n: 25±2dBm for OFDM mode
	802.11g: 27±2dBm for OFDM mode
	802.11b: 30±2dBm fro CCK mode
System Setting	Web-based configuration (HTTP/Telnet)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration Management	Admin User name/Password can be configured

SPECIFICATION	
System Monitoring	Device and Networking status statistic
Log	Support local log, host log, log file exporting
Reset	Reset to factory defaults
Backup	Backup device configuration, then restore this configuration if need

Environment

Temperature Working Temperature:	0°C~55°C
Storage Temperature	-20°C ~ 70°C
Humidity Working Humidity	5%~95% RH No condensation
Storage Humidity	5%~95% RH No condensation

Package Content:
1*Outdoor CPE
1*24V POE adapter(US/UK/EU/AU available)
1*User Manual
1*Metal Strap

Network Topology:

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