



5GHz Hi-Power Outdoor Wireless CPE

WIS-Q800P

WIS Networks Limited

Product Overview

WIS-Q800P is a 867Mbps 2*2 MIMO outdoor wireless CPE for point-to-point and point-to-multi-point solutions. It is the most cost-effective and ultimate solution for WISPCPE, which provides incredible long range much better than any other vendors solution.

Features

Incredible Long Range

- Up to 26dbm Tx Power
- 16dBi directional antenna
- Wireless Speed up to 867Mbps
- Narrower Beamwidth for noise immunity



Wireless Solutions for Surveillance

- Cost-effective passive PoE
- IP65 Waterproof
- Multiple mounting methods
- Extremely Amazing Performance



Full Feature & Performance

- Full Wis OS Support
- Auto-Distance Adjust
- 8km+ Availability

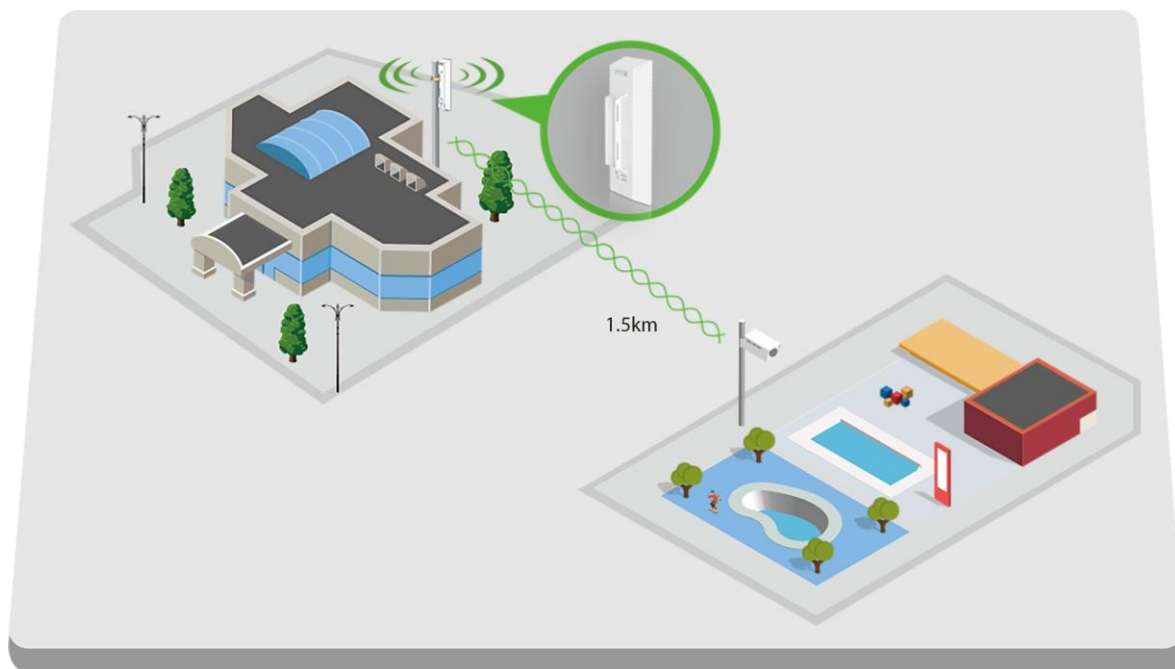


Features and Benefits

- 16dBi panel antenna to build robust wireless PtP link
- Compliant with 802.11ac/n/a, Wireless speed up to 433Mbps
- Wireless Solutions for Surveillance
- 5 kilometers throughput 90+
- 80/40/20MHz selectable for channel bandwidth
- Easy deployment and adjustment with provided mounting kits
- Passive POE(24VDC) for flexible deployment
- Weather-proof design for outdoor environment
- Up to8kV ESD protection



Network Diagram



Specifications

Product code	WIS-Q800P
Architecture	MIPSBE
CPU	QCA9563+QCA9886
Size of RAM	64MB
Flash	16MB
Radio	<ul style="list-style-type: none"> -802.11a/n/ac radio -Speed up to 867 Mbps -Frequency Range:5.1-5.8GHz -- Tx Power up to 26dbm -- Rx Sensitivity -- 300M:-71dBm@10% PER -- 54M:-75dBm@10% PER -- 1M:-95dBm@10% PER
Antenna	<ul style="list-style-type: none"> -16dBi dual-polarized directional antenna -Beamwidth(HPBW): Horizontal: 60°, Vertical: 30°
Physical Parameters	<ul style="list-style-type: none"> -- Dimension:260x100x60mm -- Weight:0.4kg -- Enclosure: Weatherproof Plastic -- ESD Protection: 8kV -- Lightning Protection: 4kV -- Working Temp: -40~65 °C -- Storage Temp: -40~85 °C -- Working Humidity: 10%~95% non-condensing
Interfaces	<ul style="list-style-type: none"> -1x 10/100/1000 Base-T Ethernet (RJ45 with Passive PoE) -Reset
Power	-24VDC, 0.5A
LED	<ul style="list-style-type: none"> -Power: On/Off -LAN:On/Off/Flashing -RSSI Signal: 1,2,3
Warranty	-1 Year
Certification	-CE, RoHS
Power Consumption	<10W
Package content	<ul style="list-style-type: none"> -WIS-Q800P -Quick Setup Guide -Power Adapter with Passive PoE -Mounting kits