



5GHz Hi-Power Outdoor Wireless CPE

## **WIS-Q800P**

WIS Networks Limited

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Version 1.0

## 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 WISP CPE, 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



WIS-Q800P



### 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

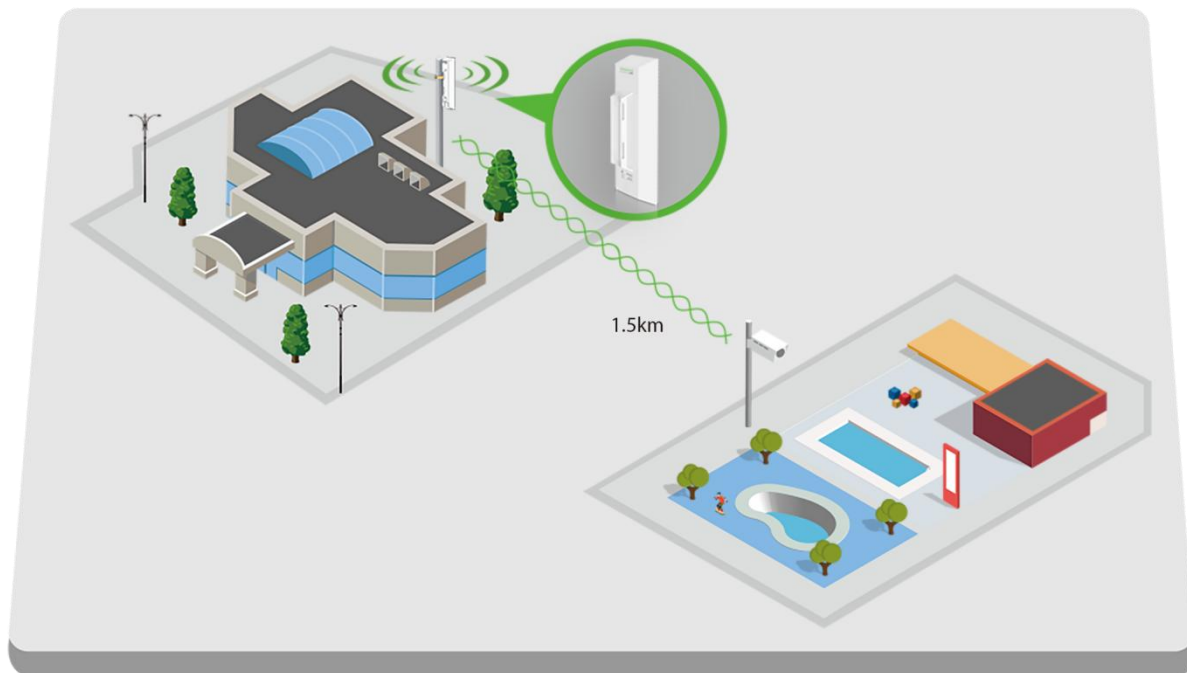


## Features and Benefits

- 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 to 8kV 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"> <li>-802.11a/n/ac radio</li> <li>-Speed up to 8670 Mbps</li> <li>-Frequency Range:5.1-5.8GHz</li> <li>-- Tx Power up to 26dbm</li> <li>-- Rx Sensitivity</li> <li>-- 300M:-71dBm@10% PER</li> <li>-- 54M:-75dBm@10% PER</li> <li>-- 1M:-95dBm@10% PER</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>-16dBi dual-polarized directional antenna</li> <li>-Beamwidth(HPBW): Horizontal: 60°, Vertical: 30°</li> </ul>
Physical Parameters	<ul style="list-style-type: none"> <li>-- Dimension:260x100x60mm</li> <li>-- Weight:0.4kg</li> <li>-- Enclosure: Weatherproof Plastic</li> <li>-- ESD Protection: 8kV</li> <li>-- Lightning Protection: 4kV</li> <li>-- Working Temp: -40~65°C</li> <li>-- Storage Temp: -40~85°C</li> <li>-- Working Humidity: 10%~95% non-condensing</li> </ul>
Interfaces	<ul style="list-style-type: none"> <li>-1x 10/100/1000 Base-T Ethernet (RJ45 with Passive PoE)</li> <li>-Reset</li> </ul>
Power	-24VDC, 0.5A
LED	<ul style="list-style-type: none"> <li>-Power: On/Off</li> <li>-LAN:On/Off/Flashing</li> <li>-RSSI Signal: 1,2,3</li> </ul>
Warranty	-1 Year
Certification	-CE, RoHS
Power Consumption	<10W
Package content	<ul style="list-style-type: none"> <li>-WIS-Q800P</li> <li>-Quick Setup Guide</li> <li>-Power Adapter with Passive PoE</li> <li>-Mounting kits</li> </ul>