



2.4GHz Outdoor Wireless CPE

WIS-Q2300A

Product Overview

WIS-Q2300A is a 300Mbps 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 23dbm Tx Power
- 10dBi directional antenna
- Wireless Speed up to 300Mbps
- 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 WisOS Support
- Auto-Distance Adjust
- 2km+ Availability
- Fully Managed by WiController

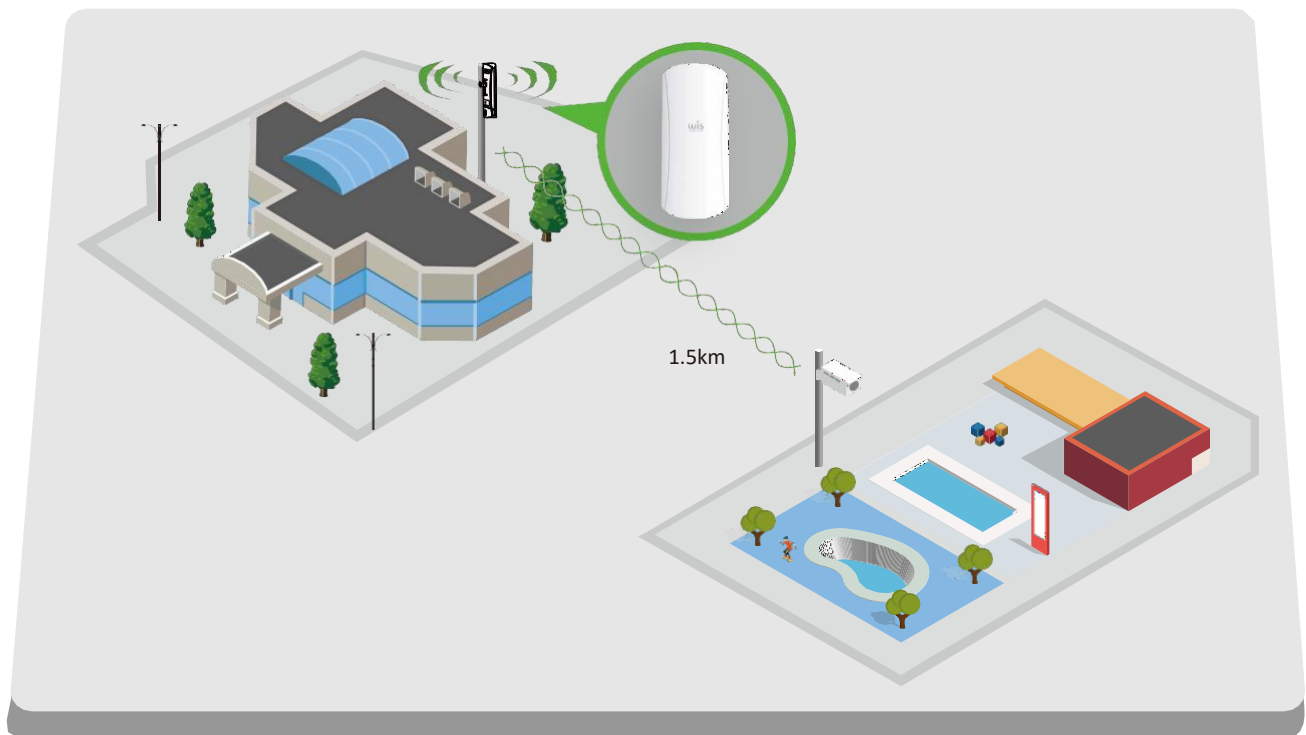


Features and Benefits

- 12dBi panel antenna to build robust wireless PtP link
- Compliant with 802.11b/g/n, Wireless speed up to 300Mbps
- Wireless Solutions for Surveillance
- 2 kilometers throughput 90+
- 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-Q2300A
Architecture	MIPSBE
CPU	QCA9531
Size of RAM	64MB
Flash	16MB
Radio	<ul style="list-style-type: none"> -802.11b/g/n radio (Atheros 600MHz) -Speed up to 300 Mbps -Frequency Range: 2.4-2.4835GHz -Tx Power up to 23dBm Rx Sensitivity 300M: -70dBm@10% PER 54M: -76dBm@10% PER
Antenna	<ul style="list-style-type: none"> -10dBi dual-polarized directional antenna -Beamwidth(HPBW): Horizontal: 60°, Vertical: 30° -Open space up to 1~5km (dependent)
Physical Parameters	<ul style="list-style-type: none"> -- Dimension:177mm*80mm*65mm -- Weight:0.3kg -- 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 10/100Base-T Ethernet (RJ45 with Passive PoE) -Reset
Power	<ul style="list-style-type: none"> -24VDC, 0.5A -Power Consumption: 6W >Security -Integrated Firewall -WPA/WPA2;WPA-PSK/WPA2-PSK (AES/TKIP) Encryption; 64/128-bit WEP;
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-Q2300 -Quick Setup Guide -Power Adapter with Passive PoE -Mounting kits