![WIS networks logo]

WIS-Q2300A

2.4GHz Outdoor Wireless CPE

WIS-Q2300A

WIS Networks Limited

www.wisnetworks.com   E-mail: info@wisnetworks.com

Version 1.0

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 WISP CPE,which provides incredible long range much better than any other vendors solution.
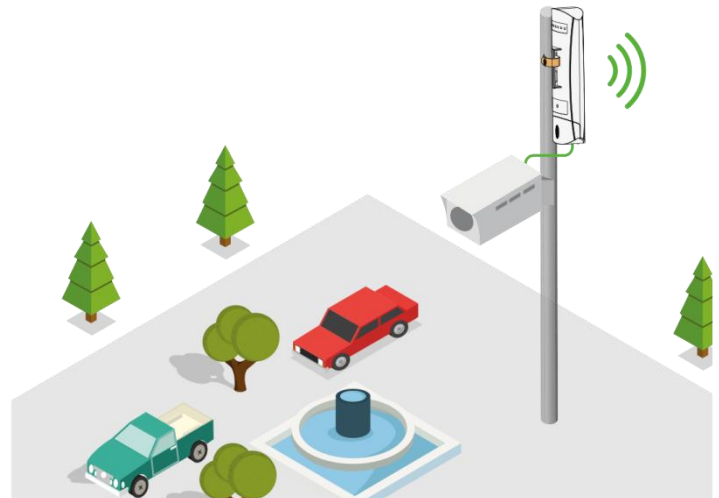
Features

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
- 2km+ Availability
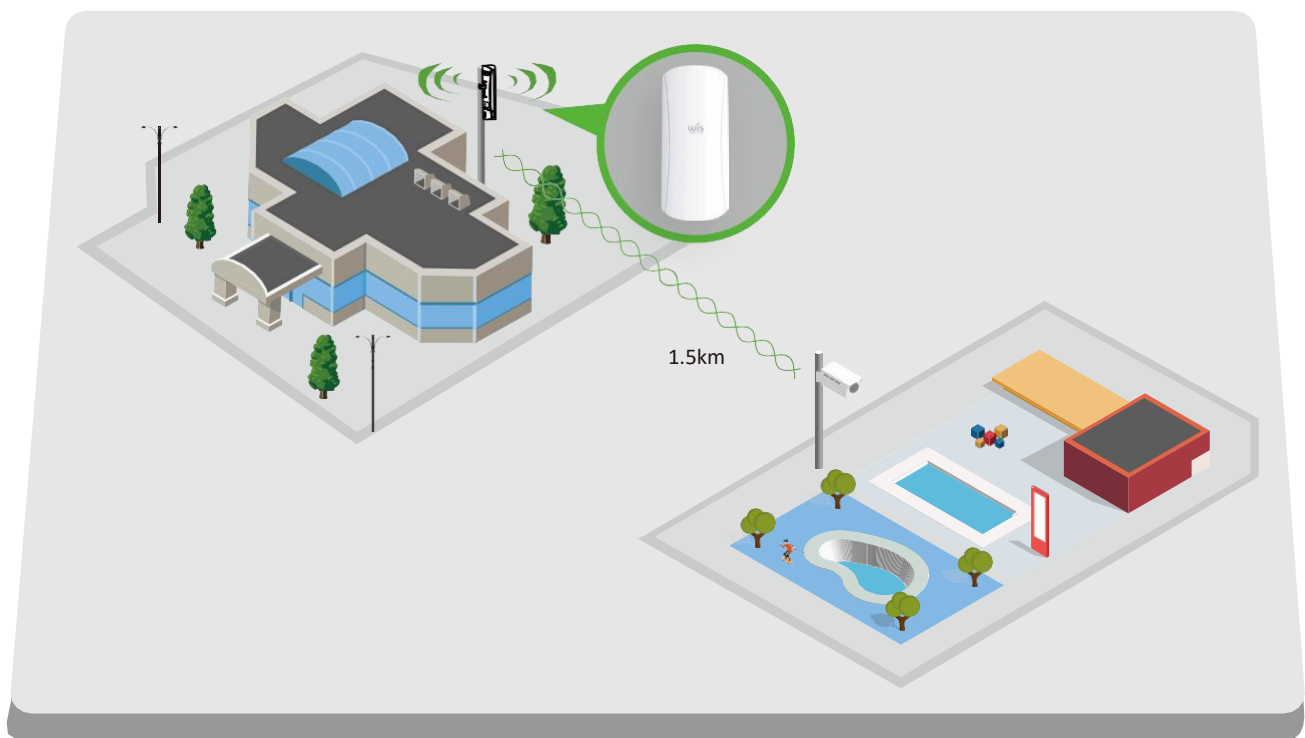- Fully Managed by WiController

Features and Benefifits

- 10dBi panel antenna to build robust wireless PtP link
- Compliant with 802.11b/g/n, Wireless speed up to300Mbps
- Wireless Solutions for Surveillance
- 1 kilometers throughput 90+
- 40/20MHz selectable for channel bandwidth
- Easy deployment and adjustment with provided mounting kits
- Passive POE(24VDC) for flflexible deployment
- Weather-proof design for outdoor environment
- Up to 8kV ESD protection

| 2.4GHz | 24VDC PoE | 2x2 MIMO | IP65 Protection | ESD protection | WiController NMS | Salt Spray | UV Resistane |

Network Diagram

1.5km

Specifications

Product code	WIS-Q2300A
Architecture	MIPSBE
CPU	QCA9531
Size of RAM	64MB
Flash	16MB
Radio	-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	-10dBi dual-polarized directional antenna -Beamwidth(HPBW): Horizontal: 60°, Vertical: 30° -Open space up to 1~5km (dependent)
Physical Parameters	-- Dimension:177mm*80mm*65mm -- Weight:0.3kg -- Enclosure: Weatherproof Plastic -- ESD Protection：8kV -- Lightning Protection：4kV -- Working Temp：-40~65℃ -- Storage Temp：-40~85℃ -- Working Humidity：10%~95% non-condensing
Interfaces	-1x 10/100Base-T Ethernet (RJ45 with Passive PoE) -Reset
Power	-24VDC, 0.5A -Integrated Firewall >Security -WPA/WPA2;WPA-PSK/WPA2-PSK (AES/TKIP) Encryption; 64/128-bit WEP;
LED	-Power: On/Off -LAN:On/Off/Flashing -RSSI Signal: 1,2,3
Warranty	-1 Year
Certification	-CE, RoHS
Power Consumption	<10W
Package content	-WIS-Q2300A -Quick Setup Guide -Power Adapter with Passive PoE -Mounting kits

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