

5GHz 300Mbps Outdoor High Gain Wireless TDMA CPE

WIS-Q5300L

5 GHz

WID™

TDMA protocol

16dBi

dual-pola antenna



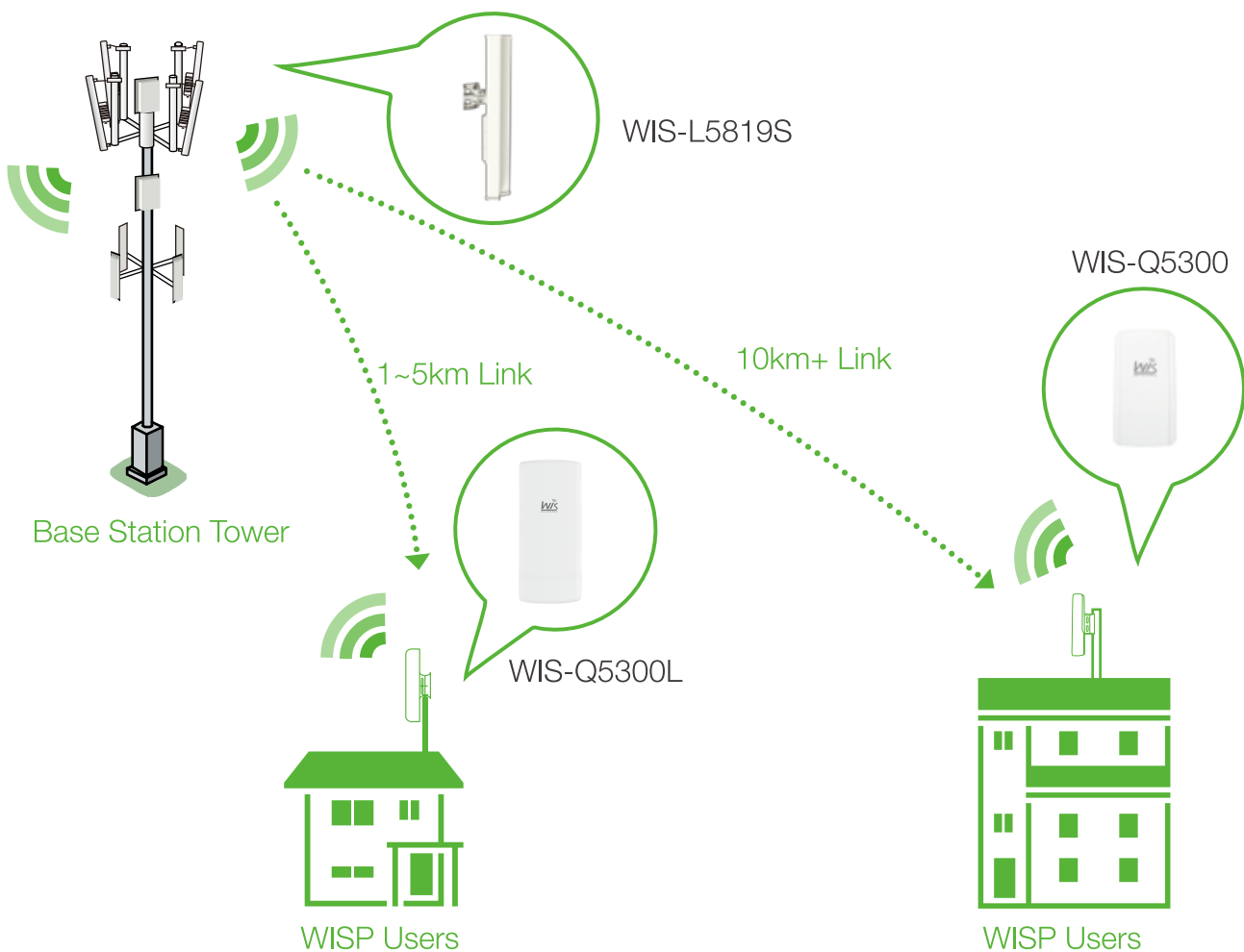
Product Overview

WIS-Q5300L is a 5GHz 300Mbps 2x2 MIMO outdoor wireless CPE based on 802.11a/n technology. It is high performance, cost-effective and dedicated to long distance wireless network solutions. Featuring the revolutionary WisOS technology in firmware design and 16dBi directional dual-polarized antenna, WIS-Q5300L is specialized designed for rural Internet access, long distance wireless data transmission, wireless coverage extension and other industrial wireless solutions.

Features and Benefits

- Compliant with 802.11n/a, speed up to 300Mbps
- WiD TDMA greatly improves the network scalability in throughput and latency
- Multi-operation modes support Gateway/WISP/Client/Access Point/Repeater
- 16dBi dual-polarized antenna to build long distance Wi-Fi connection
- Passive POE(24VDC) for flexible deployment
- Supports RSSI signal LEDs
- Transmit power selectable and distance control
- Supports QoS: Traffic Control & WMM
- Supports MAC & IP Address Filter
- Supports WiController SNMP, Remote Management
- IP65 outdoor Weather-proof housing

Network Example



The WIS-Q5300L as a station in PtMP WISP connection.

Specification

> Radio

- 802.11a/n radio (Atheros 600MHz)
 - Speed up to 300 Mbps
 - Frequency Range: 5.150-5.250GHz
 - 5.250-5.350GHz (Support DFS)
 - 5.470-5.725GHz (Support DFS)
 - 5.725-5.825GHz
 - Tx Power up to 23dBm
 - Rx Sensitivity 300M: -74dBm@10% PER
 - 54M: -78dBm@10% PER
 - 1M: -98dBm@10% PER
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> Antenna

- 16dBi dual-polarized directional antenna
 - Beamwidth(HPBW) Horizontal: 45°, Vertical: 14°
 - Open space up to 1~10km (dependent)
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>Physical Parameters

- Dimension: 200*90*68mm
 - Wight: 0.27kg
 - Enclosure: Weatherproof Plastic
 - ESD Protection: 15kV
 - Lightning Protection: 4kV
 - Working Temp: -40 ~ 65°C
 - Storage Temp: -40 ~85°C
 - Working Humidity: 10%~95% non-condensing
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> Security

- Integrated Firewall
- WPA/WPA2;WPA-PSK/WPA2-PSK (AES/TKIP) Encryption; 64/128-bit WEP;

> Interfaces

- 1x10/100 Base-T Ethernet (RJ45 with Passive PoE)
 - Reset
-

>Power

- 24VDC, 0.75A
 - Power Consumption: 6W
-

>LED

- Power:On/Off
 - LAN:On/Off/Flashing
 - WLAN:On/Off/Flashing
 - RSSI Signal: 1,2,3
-

>Warranty

- 2 Years
-

>Certification

- CE, RoHS
-

>Package content

- WIS-Q5300L
- Quick Setup Guide
- Power Adapter with Passive PoE
- Mounting kits



DECLARATION OF CONFORMITY

We, Importer/Distributor DOTMEDIA LTD

KATEVASIAS & NTALIAS 18 AXARNAI, GREECE

In accordance with the following Directives:

**EMC Directive 2004/108/EC, Low Voltage Directive 2006 /95/EC,
R&TTE Directive 1999/5/EC**

The product is compatible with the following norms/standards

<u>Applied Standards</u>	<u>Report No.</u>
Article 3.2 : Effective Use OF the Radio Spectrum ETSI EN 300 328 V1.7.1 (2006-10)	TEK-2013NT1213776R1 (07/01/2015)
Article 3.1b : Electromagnetic Compatibility ETSI EN 301 489-17 V2.2.1 (2012-09) ETSI EN301 489-1 V1.9.2 (2011-09)	NTEK-2013NT1213774E1 (07/01/2015)
Article 3.1a : Health and Safety ETSI EN 62311:2008 EN 60950-1:2006+A11:2009+A1:2010+A12:2011	NTEK-2013NT1213774H (07/01/2015) NTEK-2013NT1213776S (23/01/2015)

Hereby we declare that:

Equipment	Access Point / Router
Model number	Q2300, Q2300L, Q5300, Q5300L, S2300, S5300, CM2300, CM2300L, CM712AC, WM2300.
Brand name	WISnetworks

Is in conformity with the applicable requirements of the following documents

I hereby declare that the equipment named above has been designed to comply with the Relevant sections of the above referenced specifications. The unit complies with all Applicable Essential Requirements of the Directives

Place and date of issue

Signature

AXARNAI, 27/5/2017

DOTMEDIA ΕΜΠΟΡΙΑ ΑΝΑΛΟΓΙΣΜΩΝ ΕΙΔΩΝ
& ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΕΠΕ
ΥΠΕΡΗΧΕΙΜΕΡΙΣΤΗΡΙΑΚΩΝ ΣΥΣΤΗΜΑΤΩΝ
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