

2.4GHz 300Mbps Hi-Power Outdoor Wireless TDMA Base Station

WIS-S2300

WiD™

TDMA protocol

≈ 94 Mbps+

real throughput



protection level



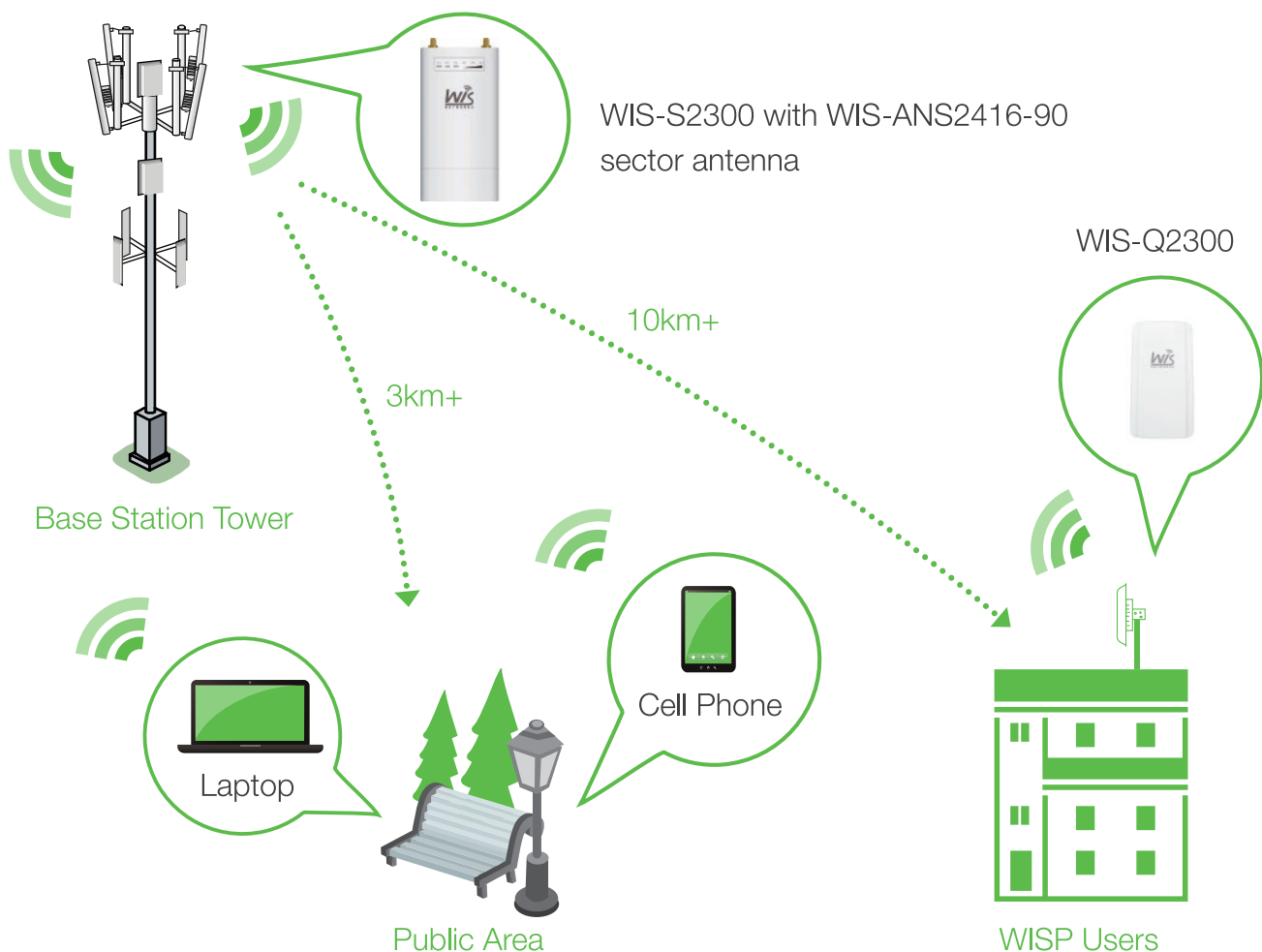
Product Overview

WIS-S2300 is a 300Mbps 2*2 MIMO Hi-Power outdoor wireless access point based on 802.11b/g/n technology. It is industry weatherproof design with incredible range, cost-effective and dedicated to high performance wireless network solutions. Featuring the revolutionary WiD TDMA technology, the WIS-S2300 is fully compatible with Wisnetworks base station and CPE thus greatly improving the network scalability in throughput and latency. With detachable antenna design, the WIS-S2300 could work seamlessly with all Wisnetworks antennas and provide flexible solutions to customers. WIS-S2300 is best applied to rural wireless Internet, wireless backhaul and other industrial wireless solutions.

Features and Benefits

- WiD TDMA greatly improves the network scalability in throughput and latency
- Seamlessly work with Wisnetworks sector/dish/omni antenna
- Compliant with 802.11b/g/n, speed up to 300Mbps
- High output transmission power and receive sensitivity optimized
- Easy deployment and adjustment with provided mounting kits
- Passive POE(24VDC) for flexible deployment
- Weatherproof design with water cover kit
- Up to 16kV ESD protection

Network Example



The WIS-S2300 as base station (hotspot) in WISP connection.

Specification

> Radio

- 802.11b/g/n radio (Atheros 600MHz)
- Speed up to 300 Mbps
- Frequency Range: 2.4-2.4835GHz
- Tx Power up to 27dBm
- Rx Sensitivity 300M: -73dBm@10% PER
54M: -78dBm@10% PER
1M: -98dBm@10% PER

> Antenna

- 2* RP-SMA antenna connectors

>Physical Parameters

- Dimension: 164*92*32mm
- Wight: 0.24kg
- Enclosure: Weatherproof ASA
- ESD Protection: 16kV
- Lightning Protection: 2kV
- Working Temp: -30 ~ 70°C
- Storage Temp: -40 ~85°C
- Working Humidity: 10%~95% non-condensing

> Interfaces

- 1x 10/100Base-T Ethernet (RJ45 with Passive PoE)
- Reset

> Power

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

>Security

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

>LED

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

>Warranty

- 1 Year

>Certification

- CE, RoHS

>Package content

- WIS-S2300
- Quick Setup Guide
- Power Adapter with Passive PoE
- Mounting kits

Related Antenna



15dBi 120° Sector Antenna
WIS-ANS2415-120



16dBi 90° Sector Antenna
WIS-ANS2416-90



12dBi Omni Antenna
WIS-ANO2412



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 ΑΝΑΛΟΓΙΜΩΝ ΕΙΔΩΝ
 & ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΕΠΕ
 ΥΠΕΡΗΘΕΡΜΕΣΙΣ ΚΑΙ ΠΡΟΦΕΡΕΤΕΡΑΙΝΕΤΕ
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