



802.11ac
AC 1200

1167Mbps Outdoor Dual-Band Wireless
Base Station

WIS-S806AC

Version 1.0

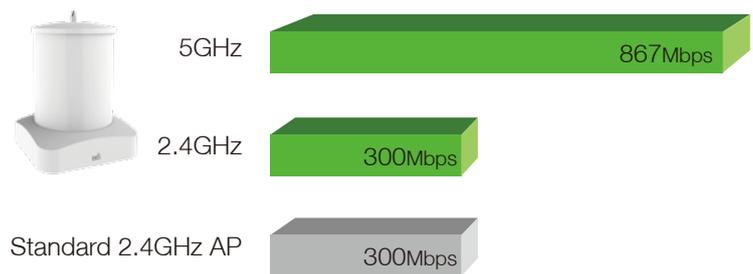
Product Overview

WIS-S806AC is a robust outdoor wireless base station featuring 802.11ac technology for high end wireless coverage. Featuring 11ac high power wireless technology, the WIS-L700AC is ideal for WISP optimizing their network with both backhaul and coverage ability by using together with Wisnetworks antennas.

Features

Extremely High Speed Connectivity

- 802.11ac wireless standard
- 4x speed than 802.11n devices
- Up to 867Mbps+300Mbps speed
- Gigabit LAN port

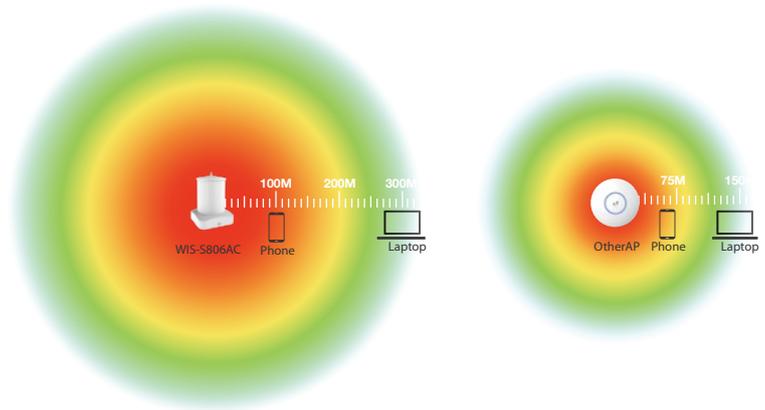


Amazing Outdoor Performance

- 50km+ availability backhaul
- Up to 30dBm tx power
- WiD TDMA 11AC
- Fully work with WIS antenna

Dual-Band Wireless

- 2.4GHz Coverage + 5GHz Backhaul
- 2.4GHz & 5GHz Coverage



150+ Online Clients

- 720MHz Atheros CPU
- 128MB DDR
- Multiple SSID&VLAN

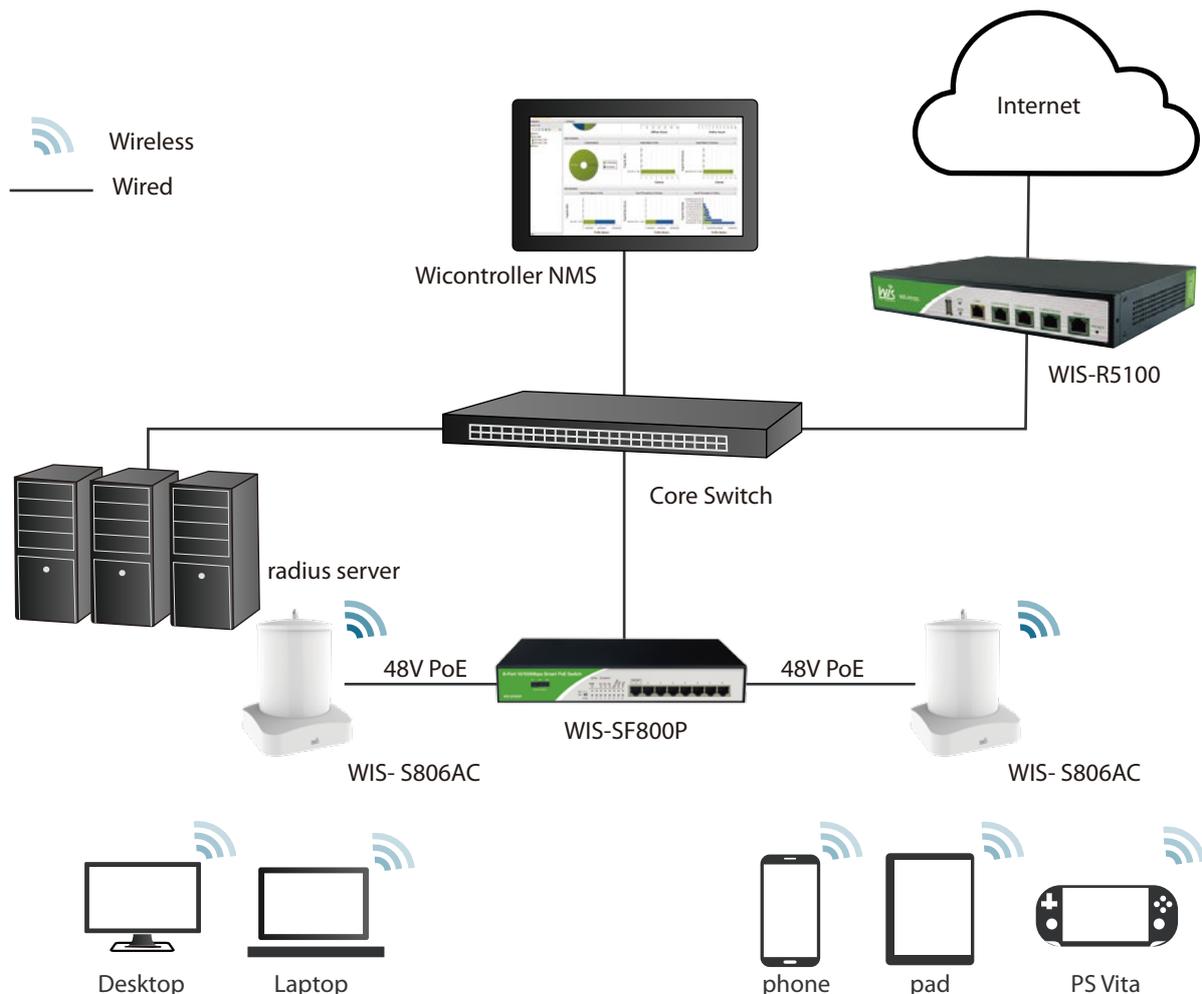


Features and Benefits

- WiD TDMA greatly improves the network scalability in throughput and latency
- Concurrent 2.4GHz and 5GHz Dual band
- Compliant with 802.11ac/n/a/g/b, speed up to 1167Mbps
- Gigabit LAN port helps get maximum wireless performance
- High output transmission power and receive sensitivity optimized
- Easy deployment and adjustment with provided mounting kits
- 802.3af POE(48VDC) for flexible deployment



Network Diagram



Specification

> Radio

- 802.11a/n radio (Atheros QCA 720MHz)
- 2.4GHz Speed up to 300Mbps
- 5GHz Speed up to 867Mbps
- Frequency Range: 5.150-5.825GHz
- Tx Power up to 30dBm
- Rx Sensitivity 11ac: -68dBm@10% PER
 - 11a: -78dBm@10% PER
 - 11b: -98dBm@10% PER

> Antenna

- 4* N typo antenna connectors

>Physical Parameters

- Dimension: 178*178*238mm
- Wight: 2.3kg
- Enclosure: Die-cast Aluminum
- ESD Protection: 16kV
- Lightning Protection: 8kV
- Working Temp: -40 ~ 70°C
- Storage Temp: -40 ~85°C
- Working Humidity: 10%~95% non-condensing

> Power

- 48VDC, 0.32A
- Power Consumption: 15W

>Security

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

> Interfaces

- 1x 10/100/1000 Base-T Ethernet
(Gigabit LAN with Passive PoE)
- Grounding Terminal
- Reset

> LED

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

>Warranty

- 2 Year

>Certification

- CE, FCC,RoHS

>Package content

- WIS-S806AC
- Quick Setup Guide
- Power Adapter with PoE
- Mounting kits

Wisnetworks Technologies Co., Ltd.

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Community: community.wisnetworks.com

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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 POINTS
 Model number
 D5230/G5250/D523AC/WCAP/WCAP-AC-OS/WCAP-AC-OL
 /WCAP-AC/WCAP-AC-L/WCAP-AC/WCAP-AC-PROM/WCAP/WCAP-
 WS/WCAP-AC-W/WCAP-HP/WCAP V2-5pcs/WCAP-AC-L-
 5pcs/WCAP-AC-5pcs/ WIS-S800AC/WIS-S806AC/
 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

AXARNAI, 09/03/2018

Signature

DOTMEDIA ΕΜΠΟΡΙΑ ΑΝΑΛΩΣΙΜΩΝ ΕΙΔΩΝ
 & ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΕΠΕ
 ΧΩΝΔΡΙΚΟ ΕΜΠΟΡΙΟ ΚΑΙ ΕΠΙΧΕΙΡΗΣΕΩΣ ΣΥΜΒΟΥΣ
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