



WIS-S800AC



802.11AC Outdoor Wireless Base Station

WIS-S800AC

WIS Networks Limited

[www.wisnetworks.com](http://www.wisnetworks.com)

E-mail: [info@wisnetworks.com](mailto:info@wisnetworks.com)

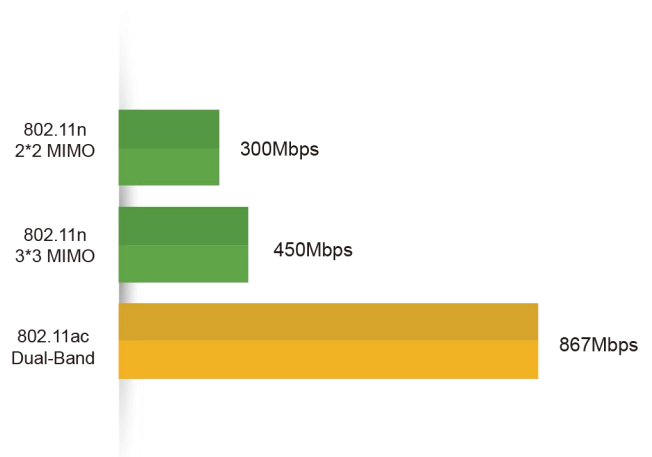
## Product Overview

WIS-S800AC is a robust outdoor wireless base station featuring 802.11 ac technology for high end wireless coverage and point to point connections. Featuring 11 ac high power wireless technology, the WIS-S800AC 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
- 3x speed than 802.11 n devices
- Up to 867Mbps speed
- Gigabit LAN port



### Amazing Outdoor Performance

- 10km+ availability backhaul
- Up to 26dBm tx power
- Fully work with WIS antenna



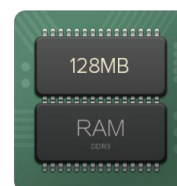
**Sector Base Station :**  
WIS-S800AC + WIS-ANS5819-120



**PtP Backhaul**  
WIS-S800AC + WIS-AND634

### 150+ Online Clients

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

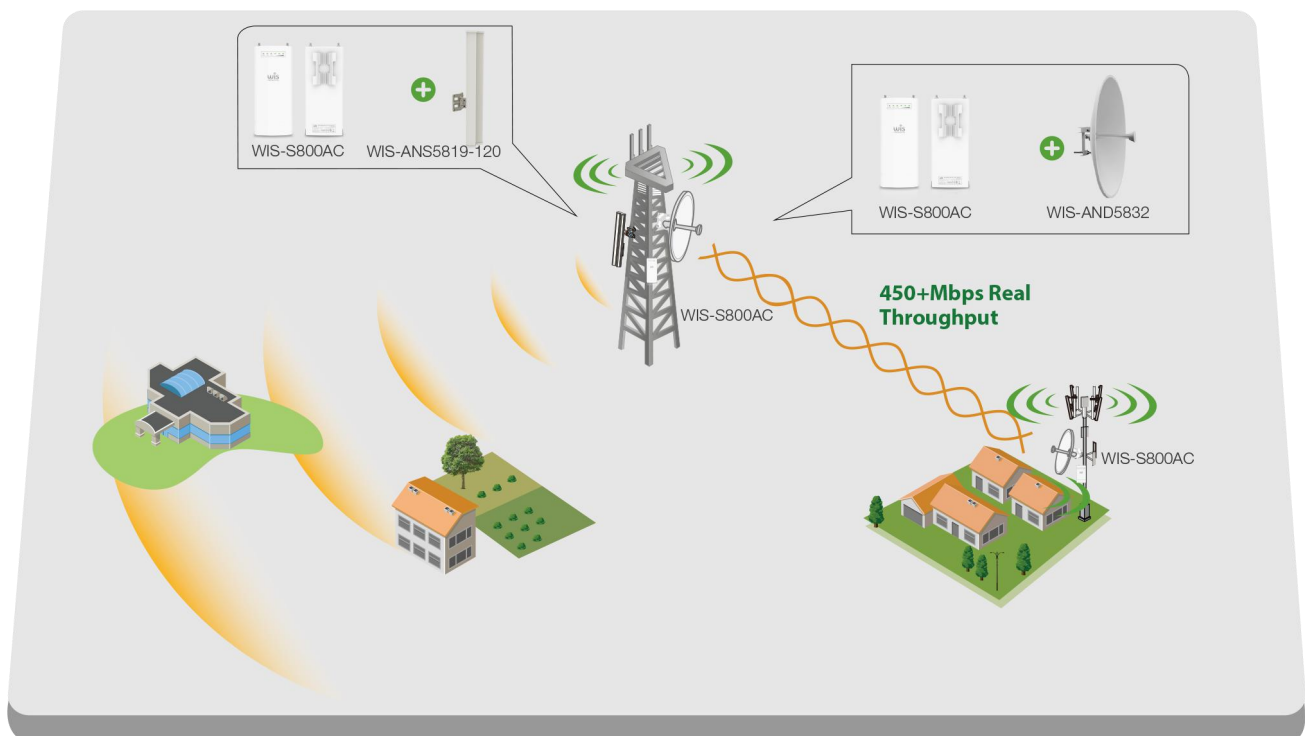


## Features and Benefits

- Compliant with 802.11ac/n/a, speed up to 867Mbps
- Gigabit LAN port helps get maximum wireless performance
- High output transmission power and receive sensitivity optimized
- Easy deployment and adjustment with provided mounting kits
- 24V Passive PoE with remote reset for flexible deployment



## Network Diagram



## Specification

### Radio

- 802.11ac/n/a radio
- Speed up to 867Mbps
- Frequency Range: 5.150-5.250GHz
  - 5.250-5.350GHz
  - 5.470-5.725GHz
  - 5.725-5.825GHz
- Tx Power 26dBm±2
- Rx Sensitivity 867Mbps: -67dBm@10% PER
  - 300M: -74dBm@10% PER
  - 54M: -78dBm@10% PER
  - 1M: -98dBm@10% PER

### Antenna

- 2\* RP-SMA antenna connectors

### Physical Parameters

- Dimension: 214\*92\*32mm
- Wight: 0.5kg
- Enclosure: Weatherproof ASA
- ESD Protection: 16kV
- Lightning Protection: 2kV
- Working Temp: -30 ~ 60°C
- Storage Temp: -40 ~70°C
- Working Humidity: 10%~95% non-condensing

### Power

- 24VDC, 0.75A
- Power Consumption: 10W

### 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)
- Reset

### LED

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

### Certification

- CE, FCC,RoHS

### LED

- WIS-S800AC
- Quick Setup Guide
- Power Adapter with Passive PoE
- Mounting kits