



802.11ac **AC** 1200

1167Mbps Outdoor Dual-Band Wireless
TDMA Base Station

WIS-L700AC

Version 1.0

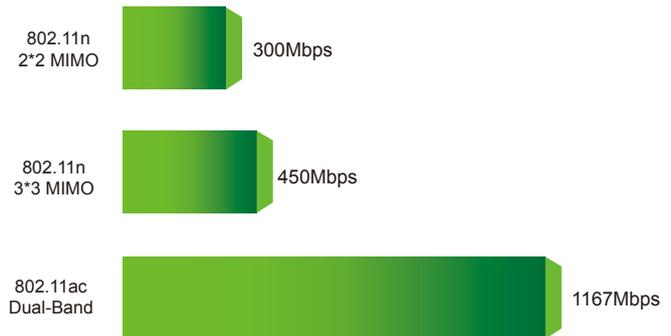
Product Overview

WIS-L700AC 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

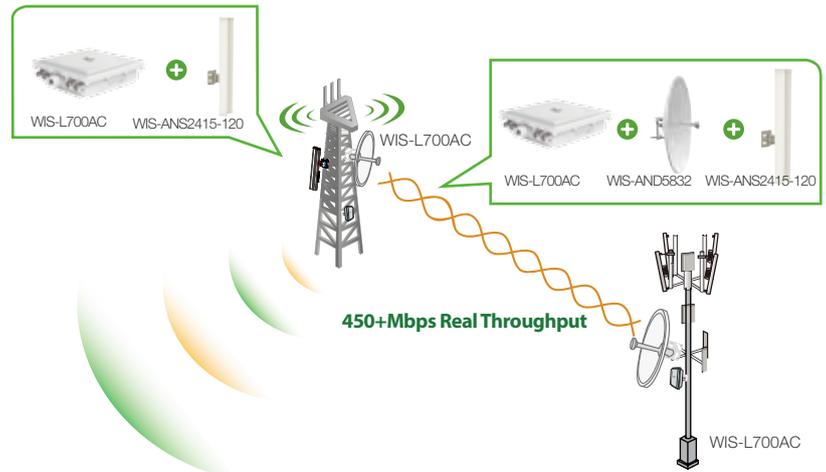


Amazing Outdoor Performance

- 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



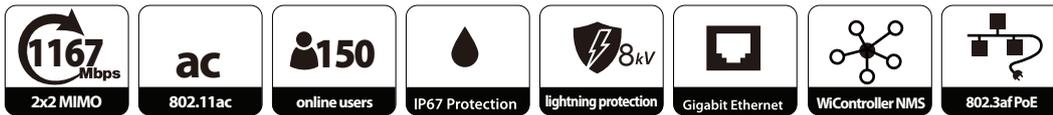
150+ Online Clients

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

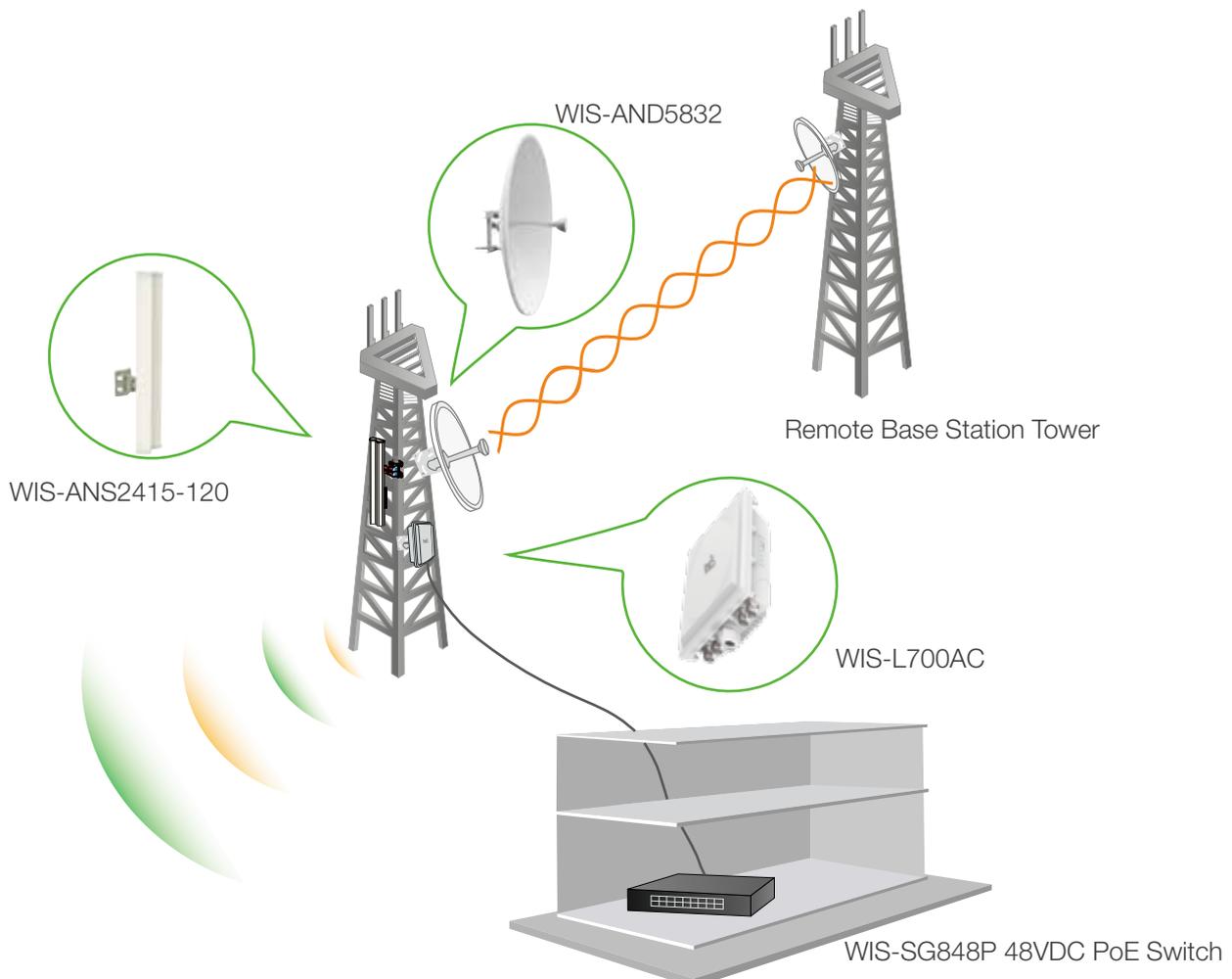


Features and Benefits

- 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

- 8802.11a/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: 183*183*43mm
- 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-L700AC
- Quick Setup Guide
- Power Adapter with PoE
- Mounting kits

Wisnetworks Technologies Co., Ltd.

Sales e-mail: info@wisnetworks.com Web: www.wisnetworks.com

Community: community.wisnetworks.com

Address: No.77, FuTe West 3 Road, China (Shanghai) Pilot Free Trade Zone