



802.11AX 2x2 Outdoor Base Station

WIS-S1200AX

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Version 1.0

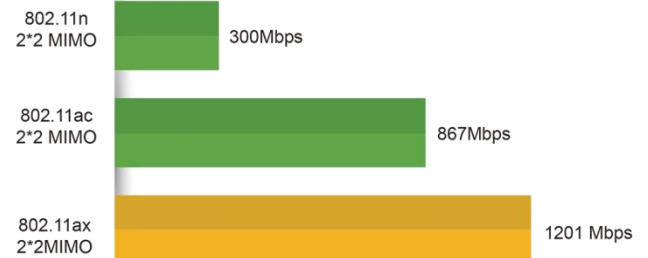
Product Overview

WIS-S1200AX is a robust outdoor wireless base station featuring 802.11 ax technology for high end wireless coverage and point to point connections. Featuring 11 ax high power wireless technology, the WIS-S1200AX is ideal for WISP optimizing their network with both backhaul and coverage ability by using together with Wisnetworks antennas.

Features

Extremely High Speed Connectivity

- Ultra-Fast Wi-Fi 6 Speeds
- 4x speed than 802.11 n devices
- Wireless Speed up to 1201Mbps
- Gigabit LAN port



Amazing Outdoor Performance

- 10km+ availability backhaul
- Up to 23dBm tx power
- MU-MIMO
- Fully work with WIS antenna



Sector Base Station :
S1200AX + ANS5819-120



PtP Backhaul :
S1200AX + WIS-AND5829D

Hardware:

- Qualcomm chip
- 512MB DDR
- 32MB Flash
- 24V Gigabit poe



Features and Benefits

- 4x increased capacity to connect more devices simultaneously.
- Compliant with 802.11ax/ac/n/a, speed up to 1201Mbps
- Gigabit LAN port helps get maximum wireless performance
- High output transmission power and receive sensitivity optimized
- 24V Passive PoE for convenient deployment and installation.



Network Diagram



Specifications

Radio

- 802.11ax radio
- Wireless Speed up to 1201Mbps
- 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:-71dBm@10% PER
- 54M:-75dBm@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

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

Power

- 24VDC, 0.75A
- Power Consumption: 12W

Certification

- CE, RoHS

Package content

- WIS-S1200AX
- Quick Setup Guide
- Power Adapter with Passive PoE
- Mounting kits