



802.11AX 4x4 Wi-Fi 6 Outdoor Base Station

WIS-S4500AX

WIS Networks Ltd.

www.wisnetworks.com

E-mail: info@wisnetworks.com

Version 1.0

Product Overview

The WIS-S4500AX is a 4X4 MU-MIMO access point, MU-MIMO in the downlink doubles the sector capacity by serving two MIMO users at the same time. With the efficient WIS Networks MAC protocol and advanced air-fairness scheduler up to 128 simultaneously active subscriber modules can be served without performance degradation.

Features

Extremely High Speed Connectivity

- Ultra-Fast Wi-Fi 6 Speeds
- 5x speed than 802.11ac devices
- Wireless Speed up to 4804Mbps
- 2.5Gigabit LAN port



Amazing Outdoor Performanc

- 5km+ availability backhaul
- Up to 30dBm tx power
- 4x4 MU-MIMO
- Fully work with WIS antenna

Hardware:

- Qualcomm chip
- 512MB DDR
- 128MB NAND Flash
- 48V Gigabit poe



Specifications

Product code	WIS-S4500AX
Architecture	ARM
CPU	IPQ5018
Size of RAM	512MB
Flash	16M NOR+128MB NAND
Radio	-802.11ax radio -Wireless Speed up to 4804 Mbps -Tx Power up to 30dBm
Channel Width	20 40 80 160 MHz
Proprietary Physical Layer	4x4 MUMIMO/OFDM
Frequency Range	5180-5825 MHz
Antenna	4-RPSMA Port (External antenna)
Ethernet Interfaced	2.5Gigabit +1 Gigabit
Interfaces	-1x 10/100Base-T Ethernet (RJ45 with Passive PoE) -Reset
Power Supply	-48 V PoE (included) or DC 48V
Warranty	-1 Year
Certification	-CE, RoHS
Power Consumption	<10W
Physical Parameters	- Dimension:250mm*120mm*30mm - Weight:1kg - Enclosure: Weatherproof Plastic - ESD Protection: 16kV Physical Parameters-- Lightning Protection: 8kV - Working Temp: -40~65°C - Storage Temp: -40~85°C - Working Humidity: 10%~95% non-condensing
Package content	-WIS-S4500AX -Quick Setup Guide -Power Adapter with Passive PoE -Mounting kits