



MEGANET



11ax 1800Mbps Ceiling Wireless AP

MIS - 2218X

Description:

MIS-2218X is an 11ax Wi-Fi standard Qualcomm Chipset high power industrial Ceiling Wireless Access Point support MU-MIMO, Wave2.0, OFDMA and Seamless Roaming.

Combined 1800Mbps Wi-Fi speed over 2 radios: 2.4GHz(600Mbps 11ax 2*2)+5GHz(1200Mbps 2*2), equipped 1G WAN & LAN ports, support MU-MIMO and DL/UL-OFDMA modulation, faster Ethernet data rate and more users, then multiple users can upload or download multiple packets at same time, narrower subcarrier spacing and longer symbol time, improved the stability and data processing efficiency, publicly to be used in high density access environment such as university campus, concert venue, gymnasium, etc.



Dualband 2x2:2 MU-MIMO with DL/UL OFDMA



1.8Gbps wireless throughput and 2 Gigabit Ethernet ports



Committed to 120 concurrent client devices, up to 250.



Self power adaptation upon auto detection of PoE/PoE+



IoT solution with high speed, broadband and security



Customized cloud management system with unlimited APs support.

Main Features:

- Comply with IEEE 802.11ax/ac/b/g/n, dual band, 1800Mbps Data Rate
- With IPQ6000 , Flash: SPI NOR 8MB (1.8v) + NAND 256MB, greatly improved the data processing performance.
- 1*10/100/1000Mbps WAN Port, 1*10/100/1000Mbps LAN Port, faster Ethernet.
- With Skyworks power amplifier and FEM, 300mW high power, build in 3dBi MIMO antenna, stronger signal strength, more wireless coverage.
- Support active IEEE 802.3at 48V PoE standard
- Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment
- Support Seamless Roaming, OFDMA, 1024-QAM

Product Spec:

Chipset	IPQ6000
Standard	IEEE 802.11ax/ac/b/g/n
Flash	SPI NOR 8MB (1.8v) + NAND 256MB
RAM	DDR3L 1GB
2.4G Frequency	2400MHz – 2484MHz
2.4G Wi-Fi standard	IEEE 802.11b/g/n
5.8G Frequency	5150MHz - 5850MHz
5.8G Wi-Fi Standard	IEEE 802.11 ax/ac
Interface	1 * 10/100 /1000 RJ45 WAN Port
	1 * 10/100 /1000 RJ45 LAN Port
	1 * Reset button, press 10 seconds to revert to default setting
Antenna	Build in 3dBi MIMO Antenna
Data Rate	1800Mbps
End Users	160+
RF Power	≤ 24dBm
DC	12V-2A
PoE	48V (IEEE 802.3at)
LED light	Sys, WAN, LAN
Power Consumption	≤ 24W
Size	198mm * 198mm * 41.02mm
Weight	750gr
Environment	Operating Temperature: -20~45 °C Limit working temperature: -30~70 °C Storage Temperature: 0~70 °C Humidity: 5%~95% non-condensing

Working Diagram:

