11ax 1800Mbps Ceiling Wireless AP

Model: AX840

Description:

AX840 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 voer 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 tim, 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.

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
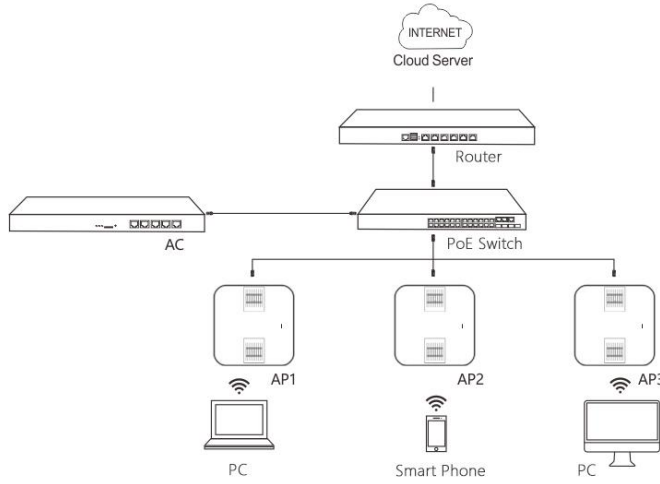
application in different environment
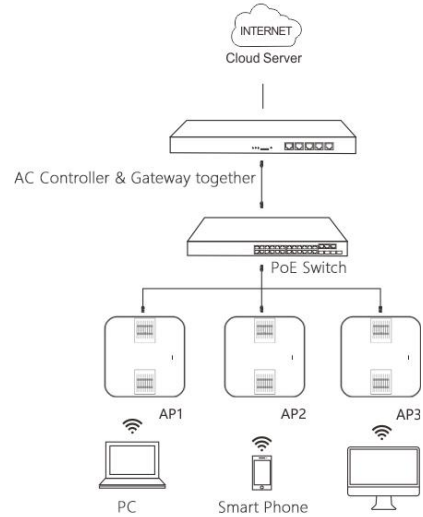
- Support Seamless Roaming, OFDMA,1024-QAM

Product Spec.:

Hardware:	
Chipset	IPQ6000
Standard	802.11ax/ac/b/g/n
Flash	SPI NOR 8MB (1.8v) + NAND 256MB
RAM	DDR3L 1GB
2.4G Frequency	2.4GHz - 2.484GHz
2.4G Wi-Fi standard	802.11b/g/n
5.8G Frequency	5150~5850MHz
5.8G Wi-Fi Standard	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	
Others:	
Package Contents	1800Mbps Dual Band wireless access point
	Ethernet Cable
	Quick Installation Guide
	Installation Accessory
Environment	Operating Temperature: -20~45 ℃
	Limit working temperature: -30~70 ℃
	Storage Temperature: 0~70 ℃
	Humidity: 5%~95% non-condensing

Working Diagram

Connection Diagram 1

Connection Diagram 2

Product Picture: