POE DC

wisCloud Access Point

Wi-Fi 6 Indoor Access Point

Model: WCAP-AX-Plus

The WCAP-AX-Plus Access Point is one of the wireless products fully developed by WIS Networks. The device supports 802.3at PoE In power supply. With concurrent 2.4GHz and 5GHz, the AP supports dual-band dual-stream MIMO technology, providing 574Mbps at 2.4G, and 2402Mbps at 5G.
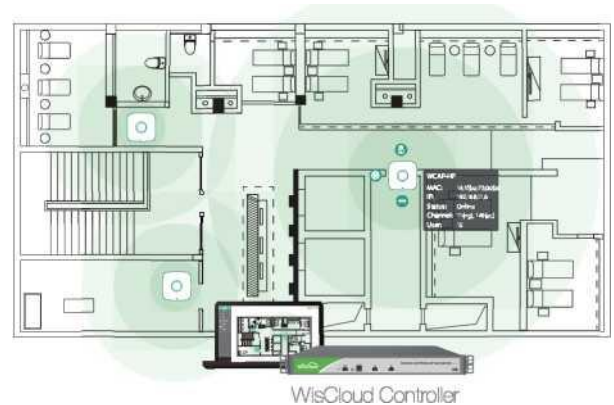
WIS Networks Ltd.

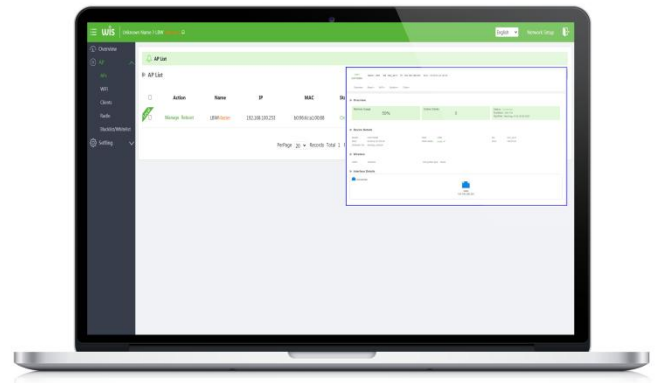info@wisnetworks.com
www.wisnetworks.com

Integrated Fat/Fit AP + AC Architecture

WisCloud Controller is refined designed to suit all Wisnetworks enterprise class AP equipments. A single controller can centrally supervise and manage the WiFi networks and multiple, distributed APs could be taken care and work in a more effective way.

WisCloud Controller

Easy-to-use Interface

No special training is required to operate the controller system. The main parameters of one/multi-WU\N networks is available on the dashboard. Simple design would also help to easily realize the real-time status monitoring and customized
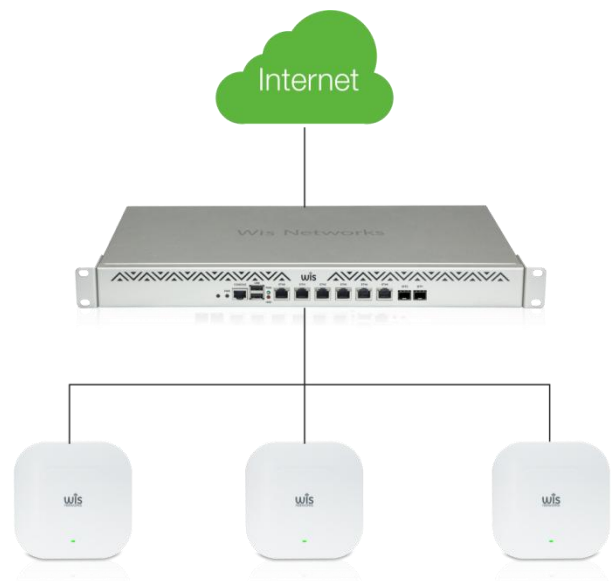

One minute network configuration

Using the intelligent centrally management between Ac and AP can quickly synchronize wireless configuration into each AP to complete a unified construction of the wireless network. configurations.

Unlimited AP Numbers

Unlimited AP numbers controlled by WisCloud controller would provide best experience for customers to plan and expand the WU\N networks.

One Wiscloud Controller Supports for Unlimited AP Numbers

WISCloud Access Point
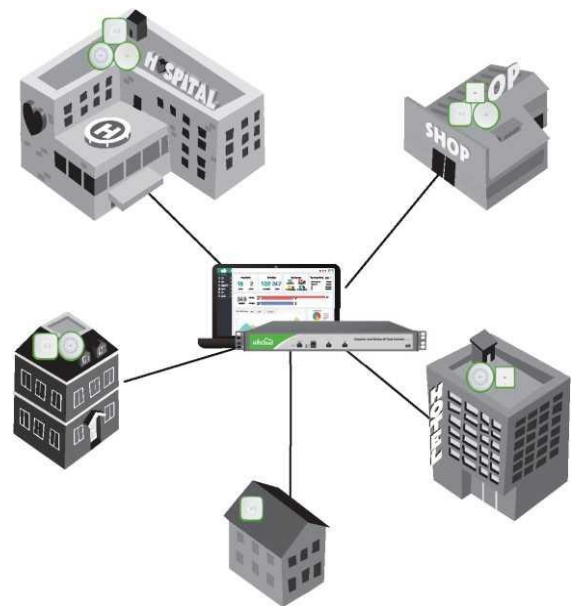
Feature

Enterprise Level Radio Chipset

The high speed 1.2GHz Qualcomm CPU and 512MB DDR makes WisCloud access points much powerful to provide a stable connectivity and multifunctional wireless networks.

Various APs Optional

 meet different requirements from customers, we provide corresponding AP with different feature parameters including frequency, speed, tx power and installation method etc.

Supports Fat AP & Fit AP Mode

All wireless network solution is completed by integrated fit ap and controller. While fat AP is quite perfect for users who owns a few APs.working with standalone. Fit AP is more suitable for enterprise / ISP level wireless network and massive deployment.

Support for Standard 802.3af/at

WisCloud Access Point is able to be supplied power 802.3af PoE technology and make it more flexible to deploy the device in indoor ceiling environment.

Model	WCAP-Lite	WCAP-AX	WCAP-AX-Plus	WCAP-AX-Pro
Frequency	2,4GHz	2,4GHz & 5GHz	2,4GHz & 5GHz	2,4GHz & 5GHz
2.4GHz speed	300Mbps	574Mbps	574Mbps	574Mbps
2.4GHz MIMO	2*2	2*2	2*2	2*2
5GHz speed	×	1201Mbps	2402Mbps	4804Mbps
5GHz MIMO	×	2*2	2*2	4*4
PoE	802.3af/at	802.3af/at	802.3af/at	802.3af/at
DC	×	×	√	√
Ceiling Mount	√	√	√	√
Tx power	23dBm	27dBm	27dBm	2.4GHz (27dBm),5GHz (30dBm)
Distance	100m	150m	150m	150m

Specifications

Physical Characteristics	
Processor	Qualcomm
Flash / Memory	512MB DDR, 32MB Flash
LAN Port	1*10/100/1000M Gigabit
Button	Reset
Power	802.3af
Max Power Consumption	18W
Working Temperature	-10C ～60C
Working Humidity	0%～95% non-condensing
Mounting	Ceiling Mount/Wall Mount
Wireless Characteristics	
Wi-Fi Standard	802.11 ax
Frequency	2.4GHz&5GHz MU-MIMO
Speed	2976Mbps
Max Tx Power	23dBm
Antenna	3dBi Dual Omni
Multi-SSID	up to 8 SSID Per Radio
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WRA/WPA2, TKP/AES)
Concurrent Clients	150+
Coverage Range	150m
Advanced Characteristics	
Mode	FatAP/Fit AP
VLAN	802.1q
Guest Policy	Web Portal/Password
MAC Filter	Blacklist
User QoS	Speed Limit by User Group
Wireless Uplink	Supported