



750
Mbps

High Power AC Dual Band Wireless Access Point

Boost your wireless signal and enjoy ultimate coverage with a PoE Access Point

- High Power AC Dual Band 750Mbps Access Point
- 3*5 dbi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE
- Support Multiple SSID
- Support 802.1Q VLAN



OVERVIEW

AirPro AIR M750 is a 11ac Ceiling Wireless Access Point based on SNMP/CAPWAP Protocol, it is designed specifically to operate in Residential and commercial applications. Complies with IEEE 802.11ac/n/g/b standard and comes with dual radio, i.e. 2.4GHz and 5GHz, allows more than 100 users to enjoy more stable and faster Ethernet surfing with a data rate of up to 733Mbps (300Mbps in 2.4G, 433Mbps in 5G).

It comes equipped with Qualcomm Chipset, 500mW high RF Power and high gain 5dBi antenna. The Wi-Fi range is 4 times more than a normal wireless router or wireless access point. Tested, provides full Wi-Fi signals to 6 hotel rooms.

Built with advanced Wi-Fi channel analysis tool as it comes with adjustable RF Power, client isolation, tag VLAN and it can be applied in a different environment for stability and safety performance.

Centrally managed by WLAN control, works with PoE switch, it is plug and play, zero configuration in large quantity installation. Additionally, provides access into a cloud server for remote management, advertisement and captive portal authentication like Facebook Login, Google Login, Member Login and SMS Login.

Applications:

This dual radio, high power and high speed wireless Access Point can be deployed in a wide array of situations for both residential and commercial applications.

Residential Applications:

Available with DC Power, comes with adjustable RF Power based on room range, also support gateway operation mode, eliminating need of a wireless router. Additionally, support cloud server access for remote control and provides effective wireless connectivity.

Commercial Applications:

Supports PoE, comes with High RF Power and provides Wi-Fi signals to 6 hotel rooms, 100+ end users; works as a wireless AP and is managed by WLAN Controller. Air Pro AIR M750 can be used in hotel, school, and shopping mall in mass installation.

KEY FEATURES

- High Power AC Dual Band 750Mbps Access Point
- 3*5 dBi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE
- Support Multiple SSID
- Support 802.1Q VLAN

CEILING MOUNT ACCESS POINT OTHER MODELS



XDS9500S

300 Mbps Ceiling Mount AP

- High Power 300Mbps Access Point • 2*5 dBi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN



Air M600

600 Mbps Ceiling Mount AP

- High Power 600Mbps Access Point • 4*5 dBi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN



Air M750

750 Mbps Ceiling Mount AP

- High Power AC Dual Band 750Mbps Access Point
- 3*5 dBi MIMO Antenna • Support Multiple SSID
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11a/b/g/n devices
- Supports 24V/1A PoE • Support 802.1Q VLAN



Air M1200

1200 Mbps Ceiling Mount AP

- High Power AC Dual Band 1200Mbps Access Point
- 4*5 dBi MIMO Antenna
- WPA/WPA2 encryptions for defence against security threats
- Seamlessly compatible with 802.11a/b/g/n devices
- Supports 24V/1A PoE • Support Multiple SSID
- Support 802.1Q VLAN • Supports 24V/1A PoE / 48V PoE

TECHNICAL SPECIFICATIONS

Hardware	
MCU	MTK 7620A
RF	4T4R, 750Mbps MIMO comply with IEEE 802.11N standard
Memory	128MB DDR RAM
Flash	16MB
Interface	2 x RJ-45 for 10/100 Mbps WAN/LAN Port (Support 12V/24V POE) 1 x Reset button (Reset & Factory Defaults) 1 x Power DC Jack
Power	12V(POE 12V/24V)/1A; or 802.3af, 48V PoE, 110V/220V
Antenna	Build in 4PCS Omni 5dbi antenna
Size	18.8*4.5CM

RF Data				
Frequency	802.11b/g/n: 2.4~2.4835GHz U.S., Europe and Japan product covering 2.400 to 2.4835 GHz, programmable for different country regulations			
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK			
Throughput	750 Mbps			
Sensitivity	802.11n(2.4GHz)	802.11g	802.11b	
	-90dBm @ MCS0	- 90dBm @ 6Mbps	- 95dBm @ 1Mbps	
	-70dBm @ MCS7	- 73dBm @ 54Mbps	- 93dBm @ 11Mbps	
	-90dBm @ MCS8			
	-68dBm @ MCS15			
Output Power		Radio1(WLAN1)		
		802.11n(2.4GHz)(± 1.5dBm)	802.11g(± 1.5dBm)	802.11b(±1.5dBm)
		26dBm@ MCS0~2/MCS8~10	26dBm @ 6~24Mbps	29dBm @1~11Mbps
		26dBm @ MCS3/MCS11	26dBm @ 36Mbps	
		26dBm @ MCS4/MCS12	26dBm @ 48Mbps	
		26dBm @ MCS5/MCS13	26dBm @ 54Mbps	
		26dBm @ MCS6/MCS14		
		26dBm @ MCS7/MCS15		

TECHNICAL SPECIFICATIONS

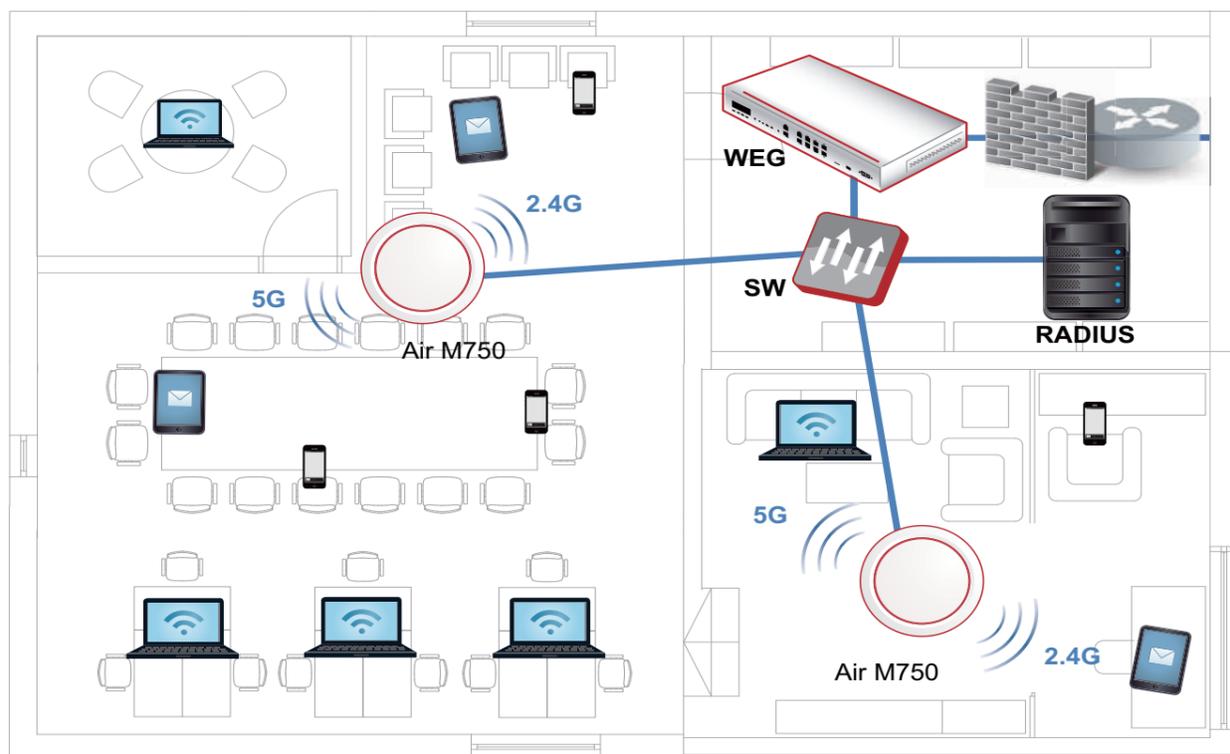
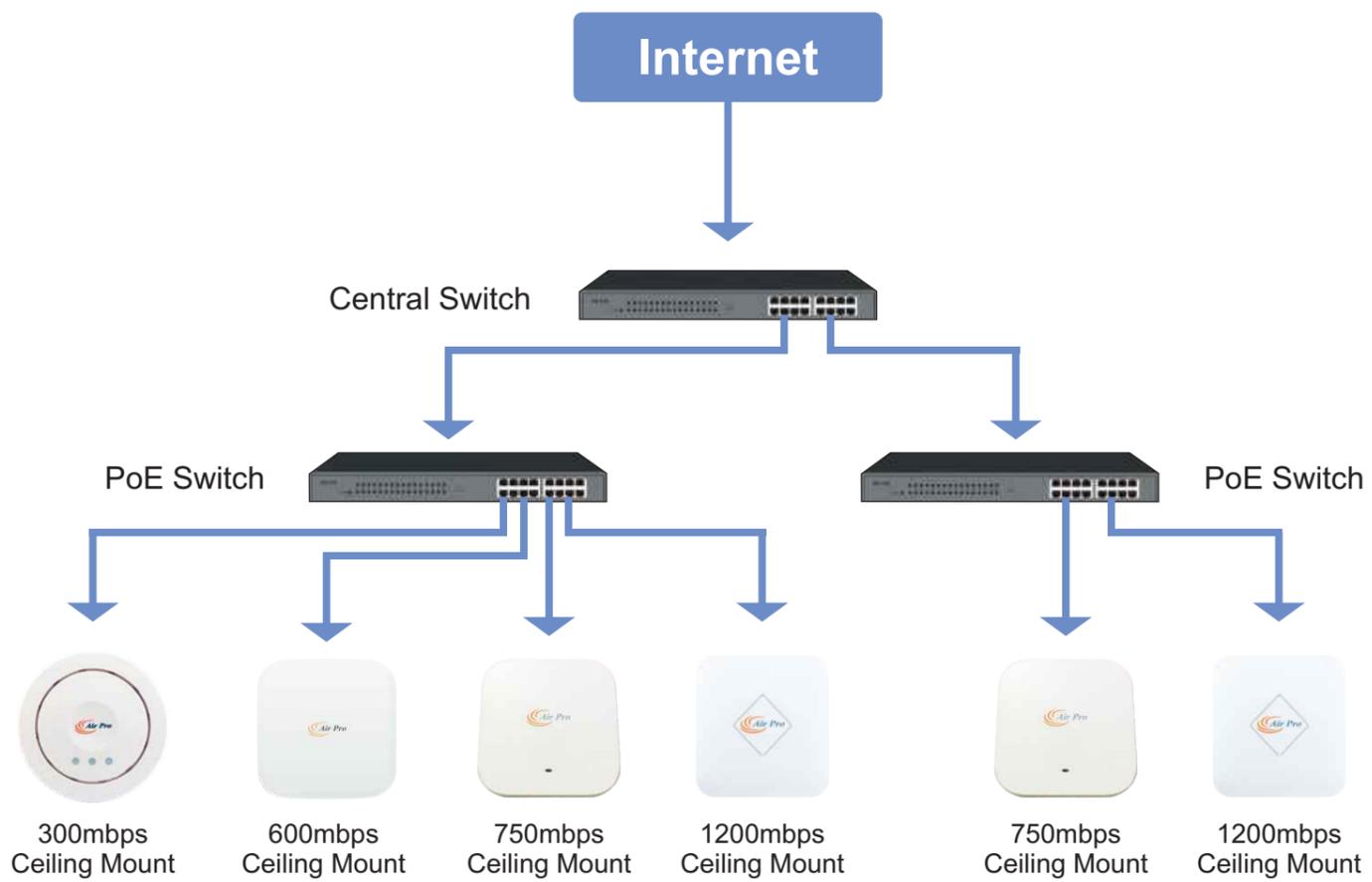
Software	
Operation Mode	Wireless AP, Client
Protocol/Standard	IEEE 802.3(Ethernet) IEEE 802.3u(Fast Ethernet) IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (8 SSID) BSSID
Security	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP) Hide SSID
System Setting	Web-based configuration (HTTP/Telnet)
Firmware upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Status in hand , useful statistic and Event log
Log	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file

Physical Property	
Temperature	Working: 0°C~55°C Storage: -20°C to 70°C
Humidity	5%~95% (typical)

Certificate	
Certificate	CE FCC

Package Contents
<ul style="list-style-type: none"> AIR M750 Unit PoE Adapter 24V/1A User Manual LAN Cable & Clamp

AirPro Wi-fi Solution



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