Air Pro ®

Simple | Secure | Trusted

3000Mbps 11ax WiFI6 In-wall AP with 1WAN Gigabit / 1 Gigabit LAN

PRODUCT OVERVIEW

AIR-WAP655 is a high-performance, high-speed indoor 11ax In wall panel AP with 2.4G and 5.8GHz dual-band wireless services, providing a cleaner wireless environment and more stable wireless access. This access point is more suitable for Hotel, Hostel, office etc.

It support multiple SSID for different group and services.

KEY FEATURES AND HIGHLIGHTS

- Simultaneously running 2.4GHz (574Mbps) and 5GHz (2400Mbps) to achieve maximum wireless throughput.

- Support hardware watchdog function, automatic recovery of abnormal devices, maintenance free.

- The heat sink is treated with a special surface coating, resulting in a more ideal heat dissipation effect.

- Supports 48V PoE.

PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AIR-WAP655				
CPU	MT7981B+MT7976CN+RTL8211FS				
Flash	Nand 128MB				
DDR3	256M				
2.4G Frequency	2.4GHz ~ 2.484GHz				
2.4G Protocol	802.11 b / g / n / ax				
5G Frequency	5.150GHz ~ 5.850GHz				
5G Protocol	802.11 a / n / ac / ax				
Antenna	Dual band 2*1.7dBi				
Data Rate	5G: 2400Mbps 2.4G:574Mbps				
2.4G TX Power	802.11b	11M	18±2dBm	1M	20±2dBm
	802.11g	54M	16±2dBm	6M	18±2dBm
	802.11n HT20	MCS7	15±2dBm	MCS0	17±2dBm
	802.11n HT40	MCS7	15±2dBm	MCS0	17±2dBm
	802.11ax HT20	MCS11	13±2dBm	MCS0	15±2dBm
	802.11ax HT40	MCS11	13±2dBm	MCS0	15±2dBm
5G TX Power	802.11a	54M	15±2dBm	6M	17±2dBm
	802.11n HT20	MCS7	14±2dBm	MCS0	16±2dBm
	802.11n HT40	MCS7	14±2dBm	MCS0	16±2dBm
	802.11ac HT20	MCS7	13±2dBm	MCS0	15±2dBm
	802.11ac HT40	MCS7	13±2dBm	MCS0	15±2dBm
	802.11ac HT80	MCS9	13±2dBm	MCS0	15±2dBm
	802.11ax HT20	MCS11	12±2dBm	MCS0	14±2dBm
	802.11ax HT40	MCS11	12±2dBm	MCS0	14±2dBm
	802.11ax HT80	MCS11	12±2dBm	MCS0	14±2dBm
	802.11ax HT160	MCS11	12±2dBm	MCS0	14±2dBm
2.4G Receiving Sensitivity	802.11b	11M	-83dBm	1M	-90dBm
	802.11g	54M	-70dBm	6M	-84dBm
	802.11n HT20	MCS7	-68dBm	MCS0	-83dBm
	802.11n HT40	MCS7	-66dBm	MCS0	-83dBm
	802.11ax HT20	MCS11	-56dBm	MCS0	-83dBm
	802.11ax HT40	MCS11	-53dBm	MCS0	-83dBm
5G Receiving Sensitivity	802.11a	54M	-70dBm	6M	-83dBm
	802.11n HT20	MCS7	-67dBm	MCS0	-83dBm
	802.11n HT40	MCS7	-64dBm	MCS0	-83dBm
	802.11ac HT20	MCS7	-58dBm	MCS0	-83dBm
	802.11ac HT40	MCS7	-57dBm	MCS0	-83dBm
	802.11ac HT80	MCS9	-56dBm	MCS0	-85dBm
	802.11ax HT20	MCS11	-57dBm	MCS0	-83dBm
	802.11ax HT40	MCS11	-56dBm	MCS0	-83dBm
	802.11ax HT80	MCS11	-53dBm	MCS0	-82dBm
	802.11ax HT160	MCS11	-51dBm	MCS0	-88dBm
2.4G EVM	802.11b: ≤-10 dB; 802.11g: ≤-25 dB; 802.11n: ≤-28dB; 802.11ax: ≤-35 dB				
5G EVM	802.11a: ≤-25 dB; 802.11n: ≤-28 dB; 802.11ac: ≤-32 dB; 802.11ax: ≤-35 dB				
ppm	±20ppm				
WAN	1*10/100/1000M WAN, support 48V POE				
LAN	1*10/100/1000M LAN				
POE	802.3af				
Reset	Reset to factory settings by pressing 6-10 seconds				
Indicators	SYS				
Max Power Consumption	<12W				
ESD	Air: ±8K, Touch: ±6K				
Electrical Surge	Common Mode: 1K, Differential Mode: 0.5K				
Size	86mm*86mm*42.8mm				
Weight	0.26kg				
Temperature	Working: -10°C to 40°C;				
	Storage: -40°C to 70°C;				
	Humidity: 5% ~ 95% (Non-Condensing)				

FIRMWARE SPECIFICATION

Item	*AIR-WAP655*
Working Mode	*AP (FAT/ FIT)*
Wireless Functions	*Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.*
	Support SSID hidden
	Support 5G Prior for a faster Ethernet.
	Wireless Security: OPEN, WPA/WPA2PSK-TKIPAES, WPA3PSK-TKIPAES
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
	QoS: WMM
Networking Function	*VLAN settings*
	Cloud access support in FAT mode
Device Management	*Back-up the configuration*
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
	Admin management password modify
	Firmware upgrade
	System log
	Support firmware GUI web management, AC controller management, remote management and cloud management

Air Pro