3Gbps WiFi6 High Power Ceiling AP



PRODUCT OVERVIEW

AIR-AP605C-AX-R2 is a dual-band high-performance gigabit wireless access point device based on the 802.11ax standard launched by AirPro, it could offer maximum 3000Mbps access rate. AIR-AP605C works in the 2.4GHz and 5GHz frequency bands and supports advanced wireless technologies such as MU-MIMO, OFDMA, spatial multiplexing, and TWT. The first radio of AP605C works in the 2.4GHz frequency band and can provide a maximum access rate of 575Mbps; the second radio works in the 5GHz frequency band and can provide a maximum access rate of up to 2400Mbps.





802.11 a/b/g/n/ac/ax



1775Mbps, 2*2 MIMO



Concurrent users 200+



Standard PoE Input



Anti-theft



Cloud Management

KEY FEATURES AND HIGHLIGHTS

Enterprise-class indoor 802.11ax Wi-Fi 6 wireless access point:-

AIR-AP605C-AX-R2 supports the 802.11ax standard, operates in both 2.4 GHz and 5 GHz band, and provides an access bandwidth up to 3000 Mbps. This model is the best choice for Entry-level office or company as it can support concurrent users up to 254.

Wireless user management at a fine granularity:-

AIR-AP605C-AX-R2 can support a maximum of 32 WLANs to implement multi-layer multi-service management of wireless users at a fine granularity. Each WLAN supports access control and uplink/downlink rate limit based on MAC or IP addresses. These WLANs may be bound to virtual local area networks (VLANs).

Flexible installation:-

AIR-AP605C-AX-R2 supports wall mounting, ceiling mounting, T-keel mounting, you can deploy it almost everywhere that you want.

PoE compatibility:-

AIR-AP605C-AX-R2 can work well with all PoE switch (AirPro, Cisco, Huawei, Juniper, etc.) which support 802.3af & at standard, this allows to power up AIRAP605C-AX directly, a power adapter is not required anymore.

Dual-mode fit & fat:-

AIR-AP605C-AX-R2 can work in fit or fat mode and can flexibly switch between the fit mode and the fat mode according to network planning requirements



PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AIR-AP605C-AX-R2		
Dimensions(L*W*D) (mm)	247 x 153 x 30		
10/100 /1000Base-T port	247 x 153 x 30 2		
Console port (RJ-45) USB 2.0	1 1		
Power supply	802.3af & at and External power adapter (Input: 100~240V AC ,		
A 4 i	Output: 12 VDC)		
Maximum power consumption	<13W		
RF port	Built-in 2.4 GHz 5 dBi antenna and 5 GHz 5 dBi antenna		
Working frequency band	802.11b/g/n/ax: 2.4 GHz to 2.483 GHz		
	802.11ac/ax:		
	5.150GHz to 5.250GHz 5.250GHz to 5.350GHz		
	5.725GHz to 5.850GHz		
Modulation technology	11b : DSS: CCK@5.5/11Mbps, DQPSK@2Mbps, DBPSK@1Mbps		
,,,,ead,delen eco,,,,eag,	110 . D3S. CCN@S.S/11Mbps, DQPSN@2Mbps, DBPSN@1Nbps 11a/g : OFDM:64QAM@48/54Mbps,16QAM@24Mbps, QPSK@12/18Mbps,		
	BPSK@6/9Mbps		
	ВРЅКШО/ЭМИDIS 11n : MIMO-OFDM: BPSK, QPSK,16QAM,64QAM		
	11n: MIMO-OFDM: BPSK, QPSK,16QAM,64QAM,256QAM 11ac: MIMO-OFDM: BPSK, QPSK,16QAM,64QAM,256QAM 11ax: MIMO-OFDMA: BPSK, QPSK,16QAM,64QAM,256QAM,1024QAM		
Transmit power	2.4G: 23dBm		
	5G: 23dBm		
	(Note: final output power comply with deployment regulation might be different)		
Power adjustment granularity	1 dBm		
Working/Storage	−10°C to +55°C		
temperature	−40°C to +70°C		
Working/Storage RH	5% to 95% (non-condensing)		
Protection level	lp41		
Item	Feature	AIR-AP605C-AX-R2	
	Product positioning	Indoor dual-frequency	
	Working frequency band	2.4GHz and 5GHz	
	Bandwidth performance	3000Mbps	
	Virtual AP (BSSID)	32	
	Concurrent user	254	
	Number of spatial streams	2.4GHz:2, 5GHz:2	
	Dynamic channel adjustment (DCA)	Yes	
	Transmit power control (TPC)	Yes	
	Blind area detection and repair	Yes	
	SSID hiding	Yes	
WLAN	RTS/CTS	Yes	
	RF environment scanning	Yes	
	Hybrid access	Yes	
	Restriction on the number of access users	Yes Yes	
	Link integrity check Accessing control of terminals based on	Yes	
	signal strength	ies	
	Forcing terminals to roam based on signal strength	Yes	
	Intelligent control of terminals based on	Yes	
	airtime fairness		
	High-density application optimization	Yes	
	Space streams	2.4GHz:2, 5GHz:2	
	Frequency band	2.4GHz + 5GHz	
	80 MHz bundling	Yes	
	1200Mbps(PHY)	Yes	
	Frame aggregation (A-MPDU)	Yes	
802.11ax	Frame aggregation (A-MSDU)	Yes	
enhancements	Maximum likelihood demodulation (MLD)	Yes	
	Transmit beamforming (TxBF)	Yes	
	Maximum ratio combining (MRC)	Yes	
	Space-time block coding (STBC)	Yes	
	Low-density parity-check code (LDPC)	Yes	
	Encryption	64/128 WEP, TKIP, and CCMP encryption	
	802.11i	Yes	



PRODUCT SPECIFICATIONS

Hardware Specifications

Nortical authentications New York			
MAC address authentication 1009 Extractive Control 1009 Extractive Co		Portal authentication	Yes
Search and The		WAPI	Yes
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Security Periodus SSTD enabling and stocking to technic between elecent Periodus SSTD enabling and stocking to the security of the security			and dynamic blacklist
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Port portal Personarding Pes			
Local Jorwarding Yes			Yes
Local Jorwarding Yes		IPv6 portal	Yes
Multicast ISMP snapping Nes	Forwardina	Local forwardina	Yes
Roaming Yes Signal strength, bit error rate, RSSL, S/N, whather neighboring APs are normally operating, etc.			
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Remote probe analysis Yes			fit mode through a local control port or
			Telnet.
Waterney 153		Remote probe analysis	Yes



PRODUCT SPECIFICATIONS

Hardware Specifications

Value added service	Value added marketing	Support: various apps based on intelligent terminals, advertising push based on location, personalized push of portals
	Value added authentication	WeChat, SMS, QR code
	Passenger flow analysis	Yes

AIR-AP605C-AX-R2 is ideal AP for indoor Wi-Fi coverage, with zero touch provisioning, advanced RF control and cost-effective design, it could offer best indoor Wi-Fi experience for customers.

