

Todaair

Product Specification

IN1335KYW-H V6.0

Date: 10th/May/2023



Product Overview

IN1335KYW-H V6.0 is a Wireless AP that comply with IEEE 802.11 b/g/n/ax protocol which supports standard PoE 48V and DC 12V power supply. A maximum rate of 1200Mbps for 5.8G and 600Mbps for 2.4G, and a 1000Mbps uplink port to ensure high-speed wireless transmission. Supports Fat and Fit all-in-one with intelligent roaming function.

It is suitable for smart wireless coverage project needs, such as hotels, factories, shopping malls, companies, etc.

Features

- Support APP and WEB Management;
- Easy Installation;
- Support DC 12V or POE 48V(standard) Power Supply;
- Support IEEE 802.11 b/g/n/ax Protocol;
- Wireless Speed Up to 1800Mbps;
- Dual Frequency Wireless Signal and Full Gigabit Ports.

Product Specification

Chipset	MT7621AN+MT7905DN+MT7975DN		
DRAM	DDR2 128MByte		
FLASH	16MByte		
IC	2.4G / 5.8G MT7905DN		
Wired Port	10/100/1000Mbps WAN*1; LAN (POE 48V) *1; DC Interface *1 (DC 12V)		
Speed 2.4G	580Mbps		
Speed 5.8G	1201Mbps		
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK		
Standard	IEEE802.11a,IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u,IEEE802.3af,IEEE802.11ac,IEEE 802.1111ax		
Channel	2.4G 2412Mhz~2472Mhz / 5.8G 5180Mhz~5825Mhz		
Power Dissipation	≤15W		
Power	DC 12V 1.5A / POE 48V		
RF @25°C±2Db 2.4G	802.11b	20±2dBm	
	802.11g	6-24Mbps	20±2dBm
		36-48Mbps	20±2dBm
		54Mbps	20±2dBm
	802.11n	HT20	MCS 7 20±2dBm
		HT40	MCS 7 20±2dBm
	802.11ax	HT20	MCS0/12
		HT40	MCS2/14

RF @25°C±2dB 5.8G	802.11a	6-24Mbps	20±2dBm	
		36-48Mbps	18±2dBm	
		54Mbps	17±2dBm	
	802.11a	6-24Mbps	20±2dBm	
		36-48Mbps	18±2dBm	
		54Mbps	17±2dBm	
	802.11ac	HT20	MCS 0-3	20±2dBm
			MCS 4	20±2dBm
			MCS 5	19±2dBm
			MCS 6	18±2dBm
			MCS 7	18±2dBm
		HT40	MCS 0-3	20±2dBm
			MCS 4	19±2dBm
			MCS 5	19±2dBm
			MCS 6	18±2dBm
		HT80	MCS 3	20±2dBm
			MCS 4	19±2dBm
			MCS 5	19±2dBm
			MCS 6	18±2dBm
			MCS 7	18±2dBm
	802.11ax	HT80	MCS0/12	17±2dBm
			MCS6/18	17±2dBm

Sensitivity 2.4G	IEEE 802.11b	11Mbps ≤ -85dBm	
	IEEE 802.11g	54Mbps ≤ -70dBm	
	802.11n	HT20	MCS 7 ≤ -65dBm
		HT40	MCS 7 ≤ -62dBm
Sensitivity 5.8G	802.11a	6Mbps ≤ -89 ; 54Mbps ≤ -73	
	802.11ac	HT20	MCS 0 ≤ -94; MCS 7 ≤ -76
		HT40	MCS 0 ≤ -92; MCS 7 ≤ -76
		HT80	MCS 0 ≤ -90; MCS 7 ≤ -67
	802.11ax	HT80	MCS0 ≤ -85; MCS 12 ≤ -60
Antenna	Frequency		2.4G Antenna 2412Mhz~2484Mhz
			5.8G Antenna 5150Mhz~5850Mhz
	Polarization		Omnidirectional
	Gain		3DBi*4
Operating Condition	Operating Temperature		-30 ~ 65°C
	Storage Temperature		-50 ~ 80°C
	Humidity (non-condensed)		≤95% (Non-condensed)
Product Size	Size: 160*160*35mm		
	Weight: 0.35kg		

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