



Model No. : **ON-AP1235KYW-H**

(802.11ac)

Indoor WiFi Coverage Transmission Combination



Hotel

Office

Restaurant

Chipset	Amplifier	RAM	Transmission Range	Transmission Rate	Antenna Gain	Frequency Band
AR9563	SiGe2576L	128MDDR	500m ²	1200M	4*5dBi	2412-2472MHz
AR9882	SKY85728-11					5180-5825MHz

Chipset	Atheros AR9563+ AR9882			
DRAM	DDR2 128MByte			
FLASH	16MByte			
IC	2.4G SiGe2576L*2 / 5.8G SKY85728-11*2			
Port	10/100/1000Mbps LAN*2			
Speed 2.4G	300Mbps			
Speed 5.8G	867Mbps			
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Standard	IEEE802.11a,IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u,IEEE802.3af,IEEE802.11ac			
Channel	2.4G 2412Mhz~2472Mhz / 5.8G 5180Mhz~5825Mhz			
Power Dissipation	≤9W			
Power	POE 48V 0.5A			
RF @25°C±2Db 2.4G	802.11b	27±2dBm		
	802.11g	6-24Mbps	26±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	24±2dBm	
	802.11n	HT20	MCS 7	22±2dBm
		HT40	MCS 7	22±2dBm
802.11a	6-24Mbps	26±2dBm		
	36-48Mbps	25±2dBm		

RF @25°C±2dB 5.8G		54Mbps	24±2dBm	
	802.11ac	HT20	MCS 0-3	26±2dBm
			MCS 4	25±2dBm
			MCS 5	24.5±2dBm
			MCS 6	24±2dBm
			MCS 7	23.5±2dBm
		HT40	MCS 0-3	25±2dBm
			MCS 4	24.5±2dBm
			MCS 5	24±2dBm
			MCS 6	23.5±2dBm
		HT80	MCS 0-3	18±2dBm
			MCS 4	18±2dBm
			MCS 5	18±2dBm
			MCS 6	18±2dBm
			MCS 7	16±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	
Antenna	Frequency	2.4G Antenna 2400Mhz~2500Mhz 5.8G Antenna 5000Mhz~6000Mhz		
	Polarization	Omnidirectional		
	Gain	5DBi*4		
Operating Condition	Operating Temperature	-30~65°C		
	Storage Temperature	-50~80°C		
	Humidity (non-condensed)	≤95% (Non-condensed)		

Product Size & Weight

Size : 205*205*48mm

Weight : 0.45KG



Packing list

1*ON-AP1235KYW-H

1*Chassis

4*Screw

4*Rubber Stick

4*M3Sphenoid

Size

Packing Size : 245X245X35MM

Weight : 0.8KG



Carton Size & Weight

Size : 505X395X260MM

Weight : 17 KG

QTY : 20PCS

