

# Product Specification

## CPAC1200MBL

Date: 2018/4/23



Chipset	Atheros AR9563+ AR9882			
DRAM	DDR2 128MByte			
FLASH	16MByte			
MIMO	3x3			
Gigabit Ethernet	10/100/1000Mbps LAN*2			
Speed 2.4G	300Mbps			
Speed 5.8G	867Mbps			
Modulation	OFDM			
Standard	IEEE802.11a, IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3at, IEEE802.11ac			
Frequency	2.4G 2412Mhz~2472Mhz / 5.8G 5180Mhz~5825Mhz			
POE	802.3af/802.3at			
Uncertainty for conducted RF Power	0.65dB			
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
RF @25°C ± 2dB 5.8G	802.11a	6-24Mbps	26 ± 2dBm	
		36-48Mbps	25 ± 2dBm	
		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
	MCS 4	18 ± 2dBm		
	MCS 5	18 ± 2dBm		
	MCS 6	18 ± 2dBm		
	MCS 7	16 ± 2dBm		
Security Lock	Kensington Lock Slot			



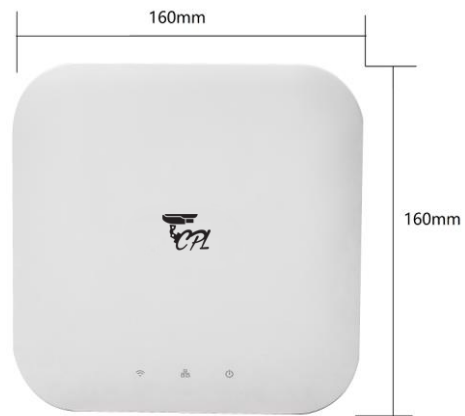
Frequency Band and Operating Channels	CPAC1200MBL ( Europe ):2.412 to 2.472 GHz:13 channels 5.180 to 5.240GHz:4 channels	
Antenna Gain in dBi	1.7dBi @ 2.4G, 1.9dBi @ 5G	
Receiver Sensitivity	802.11b @ 11Mbps: -85dBm, 802.11a/g @ 54Mbps: -70dBm, 802.11n @ HT20 MCS7/15: -65dBm, 802.11n @ HT40 MCS7/15: -62dBm, 802.11ac @ VHT MCS9/19: -51dBm	
Regulatory Certification	FCC: 47 CFR FCC Part 15, Subpart B, Class B; 47 CFR FCC Part 15, Subpart C; 47 CFR FCC Part 15, Subpart E CE: EN55022, Class B; EN61000-3-2; EN61000-3-3; 55024; EN 301 489-1/EN 301 489-17, Class B; EN 300 328; EN 301 893; EN 62311; EN 50385 IC: Canada Standard ICES-003, Class B; Canada RSS-210 AU: AS/NZS CISPR 22 Class B	
General	Antenna Internal	Yes
	Wall/Ceiling Mount	Yes
	LED	One System LED
	AC Power Adapter	12V/1.5A
	Hardware Reset Button	Yes
	Operating Humidity	10% To 85% (Non-Condensing)
	Storage Humidity	10% To 90% (Non-Condensing)
	Operating Temperature	0° to 40°C (32° to 104°F)
	Storage Temperature	-20° to 70°C (-4° to 158°F)
	Max Power Consumption	15W
Warranty Period	Limited Lifetime	



### Operating Condition

Size: 160\*160\*35mm

Weight: 0.5KG



### Size

Packing Size: 245X245X35MM

Weight: 0.8KG



### Carton Size & Weight

Size: 505X395X260MM

Weight: 17 KG

QTY: 20PCS

