



Access Point Managed Dual Band 733Mbps PoE 48V

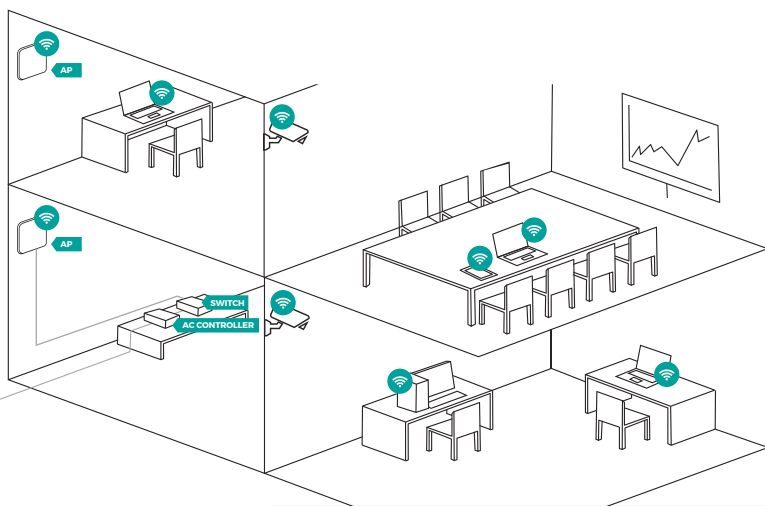
WL-APDB733P48-077



Easy Connect

Cloud Platform Management

ISP



Cloud Platform Management

ISP

AC CONTROLLER

SWITCH



LAPTOP



SMARTPHONE



SMART DEVICE

Technical Specification

Chipset	QCA9531+9887
Memory	DDR2 128MByte
Storage	16MByte
IC	2.4G SKY85303 x 2 / 5.8G SKY85735 x 1
Port	10/100Mbps WAN x 1
Speed2.4G	300Mbps
Speed5.8G	433Mbps
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	DC 12V 0.5A / POE 48V 0.3A
Antenna	
Frequency	2.4G 2412Mhz~2472Mhz / 5.8G 5180Mhz~5825Mhz
Polarization	Omnidirectional
Gain	5DBi x 3
Operating Condition	
Operating Temperature	-30~65°C
Storage Temperature	-50~80°C
Humidity	≤95%(Non-condensed)
Dimension	170 x 170 x 35mm
Weight	0.42KG

RF @25°C±2Db 2.4G	802.11b	27±2dBm			
	802.11g	6-24Mbps	20±2dBm		
		36Mbps	20±2dBm		
		48Mbps	20±2dBm		
		54Mbps	20±2dBm		
	802.11n	HT20	MCS 7	20±2dBm	
HT40		MCS 7	20±2dBm		
RF @25°C±2dB 5.8G	802.11a	6-24Mbps	20±2dBm		
		36Mbps	20±2dBm		
		48Mbps	18±2dBm		
		54Mbps	18±2dBm		
	802.11ac	HT20	MCS 0-5	20±2dBm	
			MCS 6	18±2dBm	
			MCS 7	18±2dBm	
			MCS 8	16±2dBm	
			MCS 9	16±2dBm	
			HT40	MCS 0-5	20±2dBm
				MCS 6	18±2dBm
				MCS 7	18±2dBm
		MCS 8		16±2dBm	
		HT80	MCS 0-5	20±2dBm	
			MCS 6	18±2dBm	
			MCS 7	18±2dBm	
			MCS 8	16±2dBm	
			MCS 9	16±2dBm	
			Sensitivity 2.4G	IEEE 802.11b	
IEEE 802.11g				54Mbps ≤ -70dBm	
	802.11n	HT20	MCS 7 ≤ -67dBm		
		HT40	MCS 7 ≤ -64dBm		
Sensitivity 5.8G	802.11a	6Mbps ≤ -88; 54Mbps ≤ -70			
	802.11ac	HT20	MCS 0 ≤ -86; MCS 7 ≤ -67		
		HT40	MCS 0 ≤ -83; MCS 7 ≤ -64		
		HT80	MCS 0 ≤ -80; MCS 7 ≤ -60		

