



Access Point Managed Dual Band 1200Mbps PoE 48V

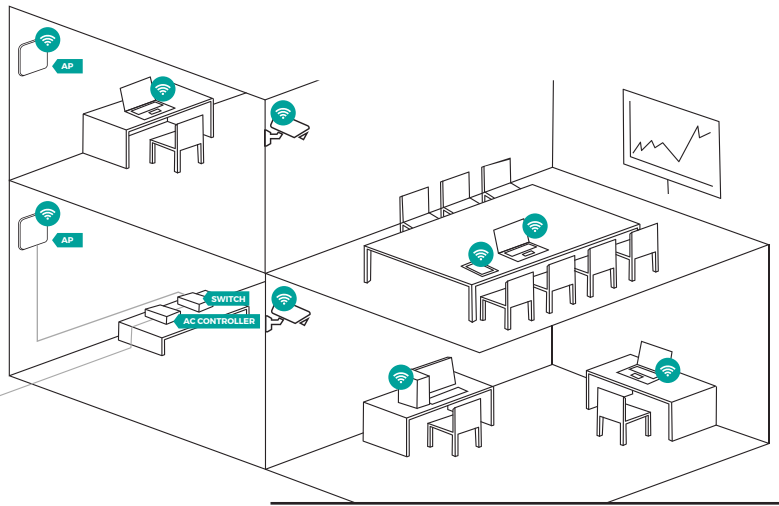
WL-APDB1200P48-078




Easy Connect

Cloud Platform Management 

ISP 



Cloud Platform Management 

ISP 

AC CONTROLLER 

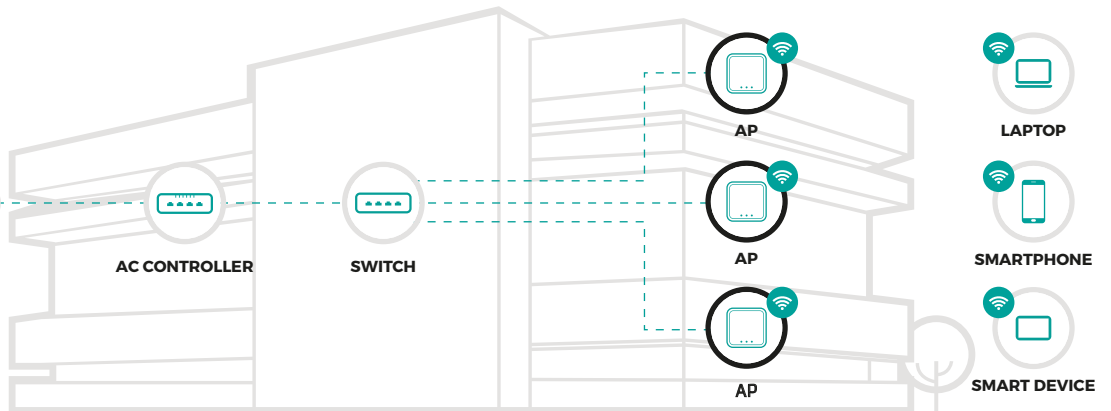
SWITCH 

AP 

LAPTOP 

SMARTPHONE 

SMART DEVICE 



Technical Specification

Chipset	Atheros QCA9563+ QCA9886
DRAM	DDR2 128MByte
FLASH	16MByte
IC	2.4G SiGe2576L x 2 / 5.8G SKY85728-11 x 2
Port	10/100/1000Mbps WAN x 1 LAN x 1
Speed 2.4G	300Mbps
Speed 5.8G	867Mbps
Modulation	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK
Modulation	IEEE802.11a, IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3u, IEEE802.3af, IEEE802.11ac(WAVE2)
Channel	2.4G 2412Mhz-2472Mhz / 5.8G 5180Mhz-5825Mhz
Power Dissipation	≤10W
Power	DC 12V / WAN x 1 Support POE Power Supply(802.3 af)
Antenna	
Frequency	2.4G Antenna 2412Mhz-2484Mhz / 5.8G Antenna 5150Mhz-5850Mhz
Polarization	Omnidirectional
Gain	3DBi MIMO x 4
Operating Condition	
Operating Temperature	-30~65°C
Storage Temperature	-50~80°C
Humidity	≤95%(Non-condensed)
Dimension	160 x 160 x 35mm
Weight	0.5KG

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	
RF @25°C±2dB 5.8G	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 0-3	20±2dBm	
		MCS 4	19±2dBm	
		MCS 5	19±2dBm	
MCS 6		18±2dBm		
MCS 7		18±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	

