



Features

- Plug & Play WiFi
- PoE Power
- 1000Mbps
- Dip Switch Settings
- 1 Mile Transmission Distance
- 5.8GHz Transmission

AR-5803-900 Includes:

- 1 x AP
- 1 x 24V PoE Adaptor Kit
- 1 x Ring
- 1 x Bracket
- 1 x Bracket Lock
- 1 x Holder
- 4 x Screws
- 4 x Screw Anchors

Specification	AR-5803-900	
Chipset	QCA9563 + QCA9882	
DRAM	DDR2 128MByte	
FLASH	16MByte	
IC	SKY85728*2	
Port	10/100/1000Mbps LAN*2	
Speed	867Mbps	
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256QAM, DBPSK, DQPSK, CCK	
Standard	IEEE802.77a, IEEE802.11n, IEEE802.3u, IEEE802.11ac	
Channel	5180Mhz~5825Mhz	
Management	WEP Management	Yes
	SNMP MIB	Yes
	Telnet	Yes
	Serial	Yes
Security	Encryption	WEP 64/128bits WPA, WPA2, 802.1x
	Operating Temperature	-22° ~ 149° F / -30° ~ 65° C
Storage Temperature	-58° ~ 176° F / -50° ~ 80° C	
Humidity	≤95% (NA)	



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Wireless Video Solutions



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Specification		AR-5803-900		
RF @25°C ±2dB	802.11a	6-24Mbps	26 ±2dBm	
		36-48Mbps	25 ±2dBm	
		54 Mbps	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	
	HT80	MCS 6	23.5 ±2dBm	
		MCS 0-3	18 ±2dBm	
		MCS 4	18 ±2dBm	
MCS 5		18 ±2dBm		
MCS 6		18 ±2dBm		
Sensitivity 5.8G	802.11a	6Mbps ≤ -89; 54Mbps ≤ -73		
		HT20	MCS 0 ≤ -94; MCS 7 ≤ -76	
	802.11ac	HT40	MCS 0 ≤ -92; MCS 7 ≤ -76	
		HT80	MCS 0 ≤ -90; MCS 7 ≤ -67	
Antenna	Frequency	4900 ~ 600MHz		
	Direction	Horizontal / Vertical		
	Gain	16DBi		