



- 2.4G & 5.8G 1350Mbps Ceiling Access Point**
- 1: QCA9563+QCA9886+QCA8334, 128M DDR2, 16MB Flash, Maximum support for wireless access with 128 users;
 - 2: 1×10/100/1000Mbps WAN/LAN;
 - 3: 100 Meters LOS wireless cover range;
 - 4: Support Watchdog/Scheduling Reboot; MU-MIMO, Beamforming;
 - 5: Support QVLAN+SSID, Portal,AC controller Managed;
 - 6: Flexible wall or ceiling mounting options;

Product Introduction

The EW-AP5135 is a ceiling-mount wireless access point based on the 802.11ac (Wi-Fi 5) standard, supporting dual-band 2.4GHz and 5GHz operation. It delivers up to 450Mbps on 2.4GHz and 866Mbps on 5GHz, providing stable high-speed connectivity for up to 128 concurrent users and a maximum concurrent speed of 1350Mbps for the entire machine.

Equipped with a 10/100/1000Mbps Ethernet port and 48V PoE support, it enables flexible and easy installation. The EW-AP5135 ensures reliable coverage, high throughput, and low-interference performance, making it ideal for indoor ceiling deployment in offices, hotels, schools, and commercial environments.

Technical Specification

Model	EW-AP5135
Hardware Configuration	
Main Chip	QCA9563+QCA9886+QCA8334
Memory	128MB DDR2

Flash	SPI NOR 16MB				
2.4G Frequency	2.4GHz ~ 2.484GHz				
5G Frequency	5.150GHz ~ 5.825GHz				
Wireless Technology	2.4GHz Band: IEEE 802.11 b/g/n, maximum data rate up to 450Mbps 5GHz Band: IEEE 802.11 a/n/ac, maximum data rate up to 866Mbps				
Dual Band Antenna	2.4GHz: 3×4dBi 5GHz: 2×4dBi				
TX Power	Standard	Data Rate / MCS	Typical TX Power	Minimum TX Power	
2.4G TX Power	802.11b	11M	24±2dBm	1M	24±2dBm
	802.11g	54M	21±2dBm	6M	23±2dBm
	802.11n HT20	MCS7	20±2dBm	MCS0	22±2dBm
	802.11n HT40	MCS7	20±2dBm	MCS0	22±2dBm
TX Power	Standard	Data Rate / MCS	Typical TX Power	Minimum TX Power	
5G TX Power	802.11a	54M	19±2dBm	6M	21±2dBm
	802.11n HT20	MCS7	16±2dBm	MCS0	19±2dBm
	802.11n HT40	MCS7	16±2dBm	MCS0	19±2dBm
	802.11ac VHT20	MCS9	16±2dBm	MCS0	19±2dBm
	802.11ac VHT40	MCS9	16±2dBm	MCS0	19±2dBm
	802.11ac VHT80	MCS9	15±2dBm	MCS0	19±2dBm
Rx Sensitivity	Standard	Data Rate / MCS	Typical RX Power	Minimum RX Power	
2.4G Receiving Sensitivity	802.11b	11M	-88dBm	1M	-97dBm
	802.11g	54M	-75dBm	6M	-92dBm
	802.11n HT20	MCS7	-72dBm	MCS0	-92dBm
	802.11n HT40	MCS7	-68dBm	MCS0	-88dBm
Rx Sensitivity	Standard	Data Rate / MCS	Typical RX Power	Minimum RX Power	
5G Receiving Sensitivity	802.11a	54M	-75dBm	6M	-95dBm
	802.11n HT20	MCS7	-72dBm	MCS0	-92dBm
	802.11n HT40	MCS7	-70dBm	MCS0	-88dBm
	802.11ac VHT20	MCS7	-68dBm	MCS0	-88dBm
	802.11ac VHT40	MCS7	-63dBm	MCS0	-86dBm
	802.11ac VHT80	MCS9	-60dBm	MCS0	-84dBm
	802.11ax HT80	MCS11	-56dBm	MCS0	-86dBm
	802.11ax HT160	MCS11	-53dBm	MCS0	-83dBm

2.4G EVM	802.11b: ≤ -10 dB; 802.11g: ≤ -25 dB; 802.11n: ≤ -28 dB;	
5G EVM	802.11a: ≤ -25 dB ; 802.11n: ≤ -28 dB; 802.11ac: ≤ -32 dB;	
ppm	± 20 ppm	
Interface	WAN/LAN	1*10/100/1000Mbps, support 48V PoE
	Indicators	Front Panel – ·Red/·Green/·Blue: Power On: Red ON → System Start → Green ON & Red OFF→ Wi-Fi Active Thin AP – AC disconnected: Red ON & Green OFF & Blue ON AP Locator: Blue Flashes (1 time/second), Red & Green OFF
	One-Key Reset	Press & Hold 6–10s → Factory Reset
	Power	PoE 802.3af / DC12V1A
Max Power Consumption	<12W	
Weight	1.6kg	
Operating/Storage Temperature	-20°C ~ 55°C / -40°C ~ 70°C	
Operating/Storage Humidity	10% ~ 90%(non-condensing) / 5% ~ 95%(non-condensing)	
Dimensions	304mm×181mm×88mm	
ESD	Air +/-8K , Contact +/-6K	
Surge protection	line to ground 2K , line to line 1K	
Certification	CCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS	

WiFi Specification

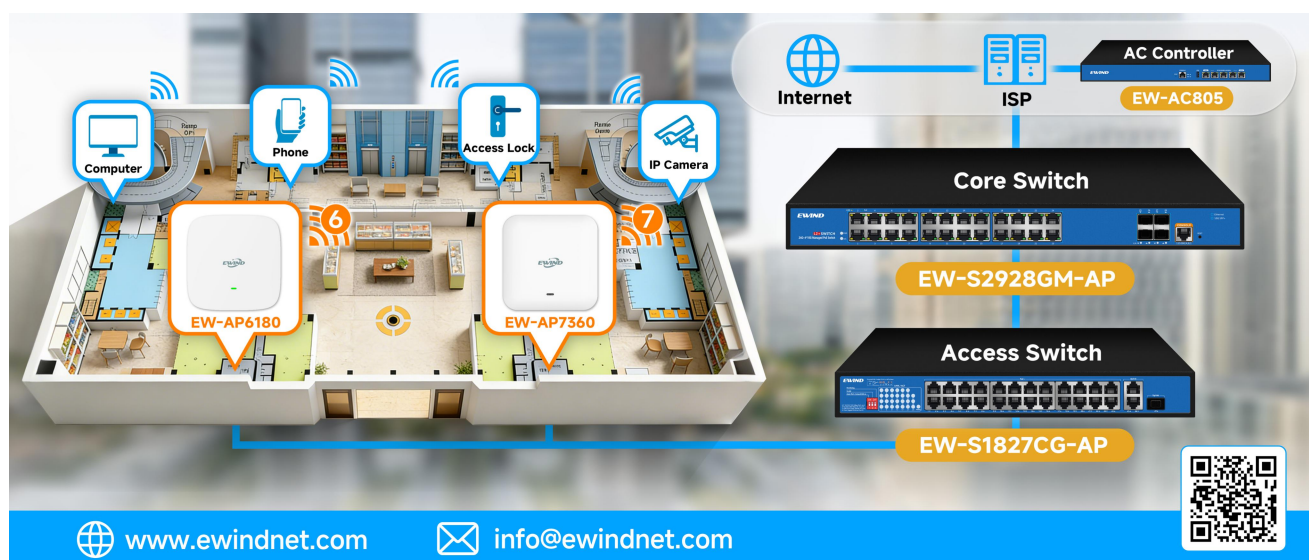
Working Mode	Gateway Mode: The device connects to the WAN port and accesses the Internet via static IP, DHCP, or PPPoE.
	Repeater Mode: In this mode, the device extends an existing wireless network to other clients or devices. It can also connect via Ethernet to another router to access the WAN.
	AP Mode: The device provides wireless coverage for clients and devices, connecting via Ethernet to a router to access the WAN.
Wireless Functions	Multiple SSID functions: 2.4GHz: 4; 5.8GHz: 4.
	Support Watchdog/Reboot Scheduling
	Support SSID hidden
	Support seamless roaming
	Support 5G Prior for a faster Ethernet.
	Support unicode characters supported
	Wireless Security: Open, WPA, WPA2PSK_TKIPAES, WAP2_EAP, WPA3
	Support MAC filter
	Support Wi-Fi time on/off to save energy
	Support client isolation to improve the wireless stability
	Support RF power adjustable, adjust the RF power based on environment.
Networking Function	VLAN settings
	Support gateway mode

Device Management	Back-up the configuration
	Restore the configuration
	Reset to factory default
	Reboot the device: including time reboot or reboot immediately
Software Functions	
Capacity	128 Users Maximum
Management mode	English/Chinese WEB remote management
Status	System/Wireless/Real-time traffic
Network	DHCP/Static IP/PPPoE
Wireless	Wireless switch, SSID, encryption, Password, Wireless multimedia, Isolation, Hidden
System	Device name, system upgrade, configuration restore, backup configuration, factory reset, reboot device.

Outer Case



Application



Packing List

CONTENT	QTY	UNIT
WiFi 5 Ceiling Mountable Dual Band Access Point (with movable bracket on the back) EW-AP5135	1	pc
Ethernet Cable	1	pc
Screws& Plastic Expansion Plug	4	sets
User manual	1	pc