



AC1027-L INDOOR ACCESS POINT

IEEE 802.11a/b/g/n ac 2.4G 2X2 and 5G 1X1 dual band
Ceiling AP



AC-1027L operates at both 2.4GHz and 5GHz frequencies, supporting a maximum data rate of 300Mbps on a single module. High sensitivity and longer-distance transmission make AC-1027L a powerful solution for basic carriers, ISPs and industrial enterprises.

- **Multiple Management Choices**
Manage AC-1027L from zCloud or with physical/virtual appliances
- **Simplified power supply**
PoE output support powering other devices without external power supply
- **Advanced Security**
Support WPA-PSK/WPA2-PSK with 802.1X Authentication
- **Flexible Deployment Mode**
Allows not only traditional AP also in mesh networks All deployment modes are easy to set up and configure



AC-1027L Specifications

DUAL-BAND 2x2 802.11b/g/n and 1x1 802.11ac Wi-Fi Ceiling Access Point

WIRELESS		PHYSICAL	
STANDARDS	<ul style="list-style-type: none">• IEEE 802.11an/ac (5G)• IEEE 802.11b/g/n (2.4G)	ETHERNET PORTS	<ul style="list-style-type: none">• 2 auto MDX, auto-sensing 10/100/1000 Mbps, RJ-45, POE port (on one port)
RADIO CHAINS	<ul style="list-style-type: none">• 2x2 with two spatial streams (2.4G)• 1x1 with one spatial streams (5G)	OTHER INTERFACES	<ul style="list-style-type: none">• 1 Reset button• 1 Power Jack (option)
MIMO	<ul style="list-style-type: none">• MU-MIMO Up to 2 streams (2.4G)• MU-MIMO Up to 1 streams (5G)	POWER	<ul style="list-style-type: none">• Power over Ethernet 802.3at
SUPPORTED DATA RATES	<ul style="list-style-type: none">• 802.11b: 1, 2, 5.5, 11 Mbps• 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps• 802.11n: Up to 300Mbps (40MHz)• 802.11ac: up to 433Mbps (80MHz)	POWER DRAW	<ul style="list-style-type: none">• < 25.5W
BANDWIDTH	<ul style="list-style-type: none">• 802.11n high-throughput (HT) support: HT 20/40• 802.11ac very high throughput (VHT) support: VHT 20/40/80	LEDs	<ul style="list-style-type: none">• Power/System• WLAN• WAN
FREQUENCY BANDS	<ul style="list-style-type: none">• 2.4 GHz: CH1 (2412 MHz), CH2 (2417 MHz), CH3 (2422 MHz), CH4 (2427MHz), CH5 (2432MHz), CH6 (2437MHz), CH7(2442MHz), CH8 (2447MHz), CH9 (2452MHz), CH10 (2457MHz), CH11 (2462MHz), CH12 (2467MHz), CH13 (2472MHz)• 5 GHz: CH36 (5180MHz), CH40 (5200MHz), CH44 (5220MHz), CH48 (5240MHz), CH52 (5260MHz), CH56 (5280MHz), CH60 (5300MHz), CH64 (5320MHz)	MOUNTING	<ul style="list-style-type: none">• Ceiling• Wall
OPERATING CHANNELS	<ul style="list-style-type: none">• 2.4GHz – 1-13• 5GHz – 36, 40, 44, 48, 52, 56, 60, 64	MECHANICAL	
RF OUTPUT POWER	<ul style="list-style-type: none">• 2.4GHz – 20dBm (2TX)• 5GHz – 23dBm (1TX) <p>Note: The maximum power setting will vary by channel and according to individual country regulations.</p>	DIMENTION	<ul style="list-style-type: none">• 175 (L) mm x 175 (D) mm x 39 (H) mm
RECEIVE SENSITIVITY	<ul style="list-style-type: none">• IEEE 802.11b/g/n: 11g: -82dBm@ 6Mbps 11a: -82dBm@ 6Mbps 11n: -82dBm @ HT20 -79dBm @ HT40• 802.11ac: -82dBm @ VHT20 -79dBm @ VHT40 -76dBm @ VHT80	WEIGHT	<ul style="list-style-type: none">• 500g
		ENVIRONMENTAL	
		OPERATING	<ul style="list-style-type: none">• Temperature: 0 ~ 50 °C• Humidity: 15 ~ 95% non-condensing
		STORAGE	<ul style="list-style-type: none">• Temperature: -10~60 °C• Humidity: 15 ~ 95%
		SECURITY	
		SECURITY	<ul style="list-style-type: none">• 802.11i, WPA, WPA2• 802.1X• WEP, WPA-TKIP, WPA2-AES• Hotspot 2.0
		MANAGEMENT	
		OPERATING MODES	<ul style="list-style-type: none">• Controller-managed mode (TAP)• Standalone AP mode (FAP)
		ACCESS METHOD	<ul style="list-style-type: none">• Web User Interface• Telnet, SSH, SNMP
		ANTENNA	
		ANTENNA	<ul style="list-style-type: none">• 2.4G: 2 built-in 2dBi antennas• 5G: 1 built-in 5dBi antennas