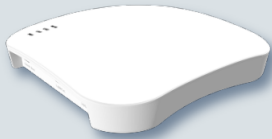




## **AC-1031 INDOOR ACCESS POINT**

**IEEE 802.11a/b/g/n/ac dual band concurrent high power  
4X4 802.11ac WAVE2 Indoor AP**



The ZCOM AC-1031 is a high-density, high-performance, and high-capacity wireless access flagship device. With MU-MIMO technology to support four space streams, the highest rate can be up to 2.5Gbps. AC-1031 flexible and diverse installation, suitable for any scene in the direct release, ceiling, wall and other installation methods.

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# AC-1031 Specifications

## DUAL-BAND 4x4 802.11ac Wave2 Wi-Fi Indoor ACCESS POINT

### WIRELESS

STANDARD S	<ul style="list-style-type: none"><li>• IEEE 802.11an/ac (5G)</li><li>• IEEE 802.11b/g/n (2.4G)</li></ul>
RADIO CHAINS	<ul style="list-style-type: none"><li>• 4x4 with four spatial streams (2.4G)</li><li>• 4x4 with four spatial streams (5G)</li></ul>
MIMO	<ul style="list-style-type: none"><li>• SU-MIMO Up to 4 streams</li><li>• MU-MIMO Up to 3 streams</li></ul>
SUPPORTED DATA RATES	<ul style="list-style-type: none"><li>• 802.11b: 1, 2, 5.5, 11 Mbps</li><li>• 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps</li><li>• 802.11n: Up to 800Mbps (40MHz)</li><li>• 802.11ac: up to 1733Mbps (80MHz)</li></ul>
BANDWIDTH	<ul style="list-style-type: none"><li>• 802.11n high-throughput (HT) support: HT 20/40</li><li>• 802.11ac very high throughput (VHT) support: VHT 20/40/80</li></ul>
FREQUENCY BANDS	<ul style="list-style-type: none"><li>• 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)</li><li>• 5 GHz: CH36 (5180MHz), CH40 (5200MHz), CH44 (5220MHz), CH48 (5240MHz), CH52 (5260MHz), CH56 (5280MHz), CH60 (5300MHz), CH64 (5320MHz)</li></ul>
OPERATING CHANNELS	<ul style="list-style-type: none"><li>• 2.4GHz –1-13</li><li>• 5GHz – 36, 40, 44, 48, 52, 56, 60, 64</li></ul>
RF OUTPUT POWER	<ul style="list-style-type: none"><li>• 2.4GHz – 19dBm (4TX)</li><li>• 5GHz – 20dBm (4TX)</li></ul> <p>Note: The maximum power setting will vary by channel and according to individual country regulations.</p>
RECEIVE SENSITIVITY	<ul style="list-style-type: none"><li>• IEEE 802.11b/g/n: 11g: -91dBm@ 6Mbps 11a: -90dBm@ 6Mbps 11n: -90dBm @ HT20 -87dBm @ HT40</li><li>• 802.11ac: -90dBm @ VHT20 -87dBm @ VHT40 -85dBm @ VHT80</li></ul>
SECURITY	<ul style="list-style-type: none"><li>• 802.11i, WPA, WPA2</li><li>• 802.1X</li><li>• WEP, WPA-TKIP, WPA2-AES</li><li>• Hotspot 2.0</li></ul>

### PHYSICAL

ETHERNET PORTS	<ul style="list-style-type: none"><li>• 2 auto MDX, auto-sensing 10/100/1000 Mbps, RJ-45, POE port (on one port)</li></ul>
OTHER INTERFACES	<ul style="list-style-type: none"><li>• 1 Reset button</li><li>• 1 Console</li></ul>
POWER	<ul style="list-style-type: none"><li>• Power over Ethernet 802.3 at</li></ul>
POWER DRAW	<ul style="list-style-type: none"><li>• &lt; 25.5W</li></ul>
LEDs	<ul style="list-style-type: none"><li>• Power/System</li><li>• WLAN</li><li>• LAN 1</li><li>• LAN 2</li></ul>
MOUNTING	<ul style="list-style-type: none"><li>• Ceiling</li><li>• Wall</li></ul>

### ANTENNA

ANTENNA	<ul style="list-style-type: none"><li>• 2.4G: 4 built-in 4dBi antennas</li><li>• 5G: 4 built-in 5dBi antennas</li></ul>
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### MECHANICAL

DIMENTION	<ul style="list-style-type: none"><li>• 216(L) mm x 216(D) mm x 43 (H) mm</li></ul>
WEIGHT	<ul style="list-style-type: none"><li>• 1kg</li></ul>

### ENVIRONMENTAL

OPERATING	<ul style="list-style-type: none"><li>• Temperature: -10 ~ 50 °C</li><li>• Humidity: 10 ~ 95% non-condensing</li></ul>
STORAGE	<ul style="list-style-type: none"><li>• Temperature: -20~70 °C</li><li>• Humidity: 10 ~ 95%</li></ul>

### MANAGEMENT

OPERATING MODES	<ul style="list-style-type: none"><li>• Controller-managed mode (TAP)</li><li>• Standalone AP mode (FAP)</li></ul>
ACCESS METHOD	<ul style="list-style-type: none"><li>• Web User Interface</li><li>• Telnet, SSH, SNMP</li></ul>