



AC-1027L

802.11ac DUAL-BAND 2.4G (2X2) &
5G (1X1) INDOOR AP



The AC-1027L is an IEEE802.11ac indoor access point, which operates at both 2.4GHz and 5.8GHz frequencies. It supports a maximum data rate of 433Mbps on a single module. Designed for recessed light style, which blends into any interior design.

The AC-1027L can be centrally managed by remote ZCOM WLC (Wireless LAN Controller). It is well suited to school, hospital, office, and densely divided rooms.

Multiple Management Choices

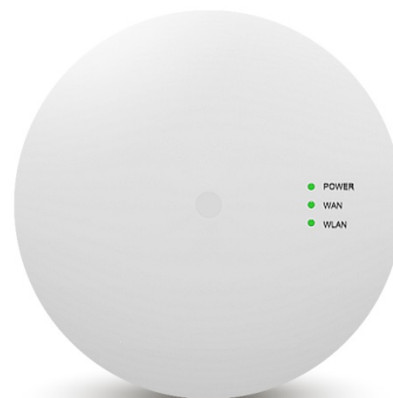
Besides performing as a stand-alone access point, the AC-1027L can be centrally managed by remote Wireless LAN Controllers, which also provides Wi-Fi user authentication, traffic shaping, user and bandwidth controls, and statistics reporting

Designed Appearance

Designed for recessed light style, which blends into any interior design

Advanced Security

Supports WPA-PSK/WPA2-PSK with IEEE 802.1x authentication



WIRELESS

Standards	<ul style="list-style-type: none"> • IEEE 802.11b/g/n • IEEE 802.11an/ac
Radio Chains	<ul style="list-style-type: none"> • 2.4GHz: 2x2:2 • 5GHz: 1x1:1
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: 300Mbps • 802.11ac: 433Mbps
Bandwidth	• 20 / 40 / 80 MHz

Frequency Bands	<ul style="list-style-type: none"> • IEEE 802.11b/g/n US: 2.412GHz – 2.462GHz EU/Japan: 2.412 – 2.472 GHz China/India: 2.412 – 2.472 GHz • IEEE 802.11an/ac US: <ul style="list-style-type: none"> 5.15GHz – 5.35GHz 5.47GHz – 5.85GHz EU/Japan: <ul style="list-style-type: none"> 5.15GHz – 5.35GHz 5.47GHz – 5.725GHz China: <ul style="list-style-type: none"> 5.15GHz – 5.35GHz 5.725GHz – 5.85GHz • India: <ul style="list-style-type: none"> 5.15GHz – 5.35GHz 5.725GHz – 5.85GHz 5.85GHz – 5.875GHz
-----------------	---

Operating Channels	<ul style="list-style-type: none"> • 2.4GHz: <ul style="list-style-type: none"> US: 1 – 11 EU/Japan/China/India: 1 – 13 • 5GHz: <ul style="list-style-type: none"> US: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 132, 136, 140, 149, 153, 157, 161, 165 EU/Japan: 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 132, 136, 140 China: 36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165 India: 36, 40, 44, 48, 52, 56, 60, 64, 49, 153, 157, 161, 165, 169, 173
--------------------	--

Max. Transmit Power	<ul style="list-style-type: none"> • 2.4GHz: 25dBm w/ 2 ant. • 5GHz: 25dBm w/ 1 ant.
---------------------	--

Receive Sensitivity	<ul style="list-style-type: none"> • 11b: -76dBm • 11a/g: -82dBm • 11n: -88dBm • 11ac: -88dBm
---------------------	---

HARDWARE

Interfaces	<ul style="list-style-type: none"> • 2 IEEE 802.3u MDI/MDIX 10/100 Base-T Ethernet • 1 Reset button • 1 Power Jack (option)
------------	--

Power Input	• 802.3at (PoE+)
-------------	------------------

Power Consumption	• < 12W
-------------------	---------

Indicator	• Power / System / WLAN / WAN
-----------	-------------------------------

Mounting	<ul style="list-style-type: none"> • Ceiling • Wall-mount
----------	---

ANTENNA

Antenna	<ul style="list-style-type: none"> • 2.4GHz: 2dBi (Embedded) • 5GHz: 5dBi (Embedded)
---------	--

DIMENSIONS & WEIGHT

Dimensions	• 175 (L) × 175 (D) × 39 (H) mm
------------	---------------------------------

Weight	• 500g
--------	--------

ENVIRONMENT

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%
---------	--

MANAGEMENT

Operating Mode(s)	<ul style="list-style-type: none"> • TAP: Controller-managed mode • FAP: Standalone AP mode
-------------------	---

Access Method	<ul style="list-style-type: none"> • Web User Interface • Telnet • SSH • SNMP
---------------	---

CERTIFICATIONS

<ul style="list-style-type: none"> • CE • RoHS
--



Z-COM, Inc.
www.zcom.com.tw

Copyright © 2021 Z-COM Inc. All rights reserved.

AC-1027L_DS-Q121-EN02