ZCOM

AC-1027

3X3 Dual Band
802.11ac Wave 2 Indoor Access Point

Central Management
The AC-1027 can be centrally managed by remote Z-COM WLC (Wireless LAN Controller).

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

The AC-1027 802.11ac indoor access point offer a data rate up to 1750 Mbps. Superior RF architecture provides high-performance Wi-Fi coverage for a high-density of clients, giving end users a seamless wireless experience.

The AC-1027 can be centrally managed by remote Z-COM WLC (Wireless LAN Controller), and is the ideal choice for small to medium-sized deployments, such as offices hotels, hospitals, and shopping malls.

Ultra-fast Data Rate
Delivers higher data rates up to 1750Mbps over a greater area with pervasive coverage than any competing access point.

Advanced Security
Support WPA-PSK/WPA2-PSK with 802.1x Authentication.

Standards	IEEE 802.11a/b/g/n/ac	
Radio Chains	2.4GHz: 3x3:3	5GHz1: 3x3:3
Supported Data Rates	- 802.11a: 6/9/12/18/24/36/48/54 Mbps - 802.11b: 1/2/5.5/11 Mbps - 802.11g: 6/9/12/18/24/36/48/54 Mbps - 802.11n: 450Mbps - 802.11ac: 1300Mbps	
Bandwidth	20 / 40 / 80 MHz	
Frequency Bands and Operating Channels	**Taiwan**	**US**
	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels	2.412 – 2.462 GHz; 11 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels
	EU	**China**
	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.700 GHz ; 11 channels	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.745 – 5.825 GHz; 5 channels
	Japan	**India**
	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz; 12 channels	5.15GHz – 5.35GHz 5.725GHz – 5.85GHz 5.85GHz – 5.875GHz
	*Operating Channel depends on configured regulatory domain.	
Max. Transmit Power	**2.4GHz**	**5GHz**
	29.5dBm w/ 3 ant.	29.5dBm w/ 3 ant.
	*The maximum power setting will vary by channel and according to individual country regulations.	
Receive Sensitivity	11b: -88dBm / 11a/g: -92dBm / 11n: -92dBm / 11ac: -84dBm	
Antenna	**2.4GHz**	**5GHz**
	5dBi (Embedded)	5dBi (Embedded)
Interfaces	2 IEEE 802.3u MDI/MDIX 10/100 Base-T Ethernet 1 Reset button 1 Power Jack (option)	
Indicator	Power / System / WLAN / WAN	
Power	**Power Consumption**	**Power Input**
	≤ 25W	802.3at (PoE+)

IP Rating	IP43		
Physical Characteristics	**Dimensions**	**Weight**	**Mounting type**
	180 (L) × 180 (D) × 94.5 (H) mm	1kg	Ceiling
Environmental	**Storage**	**Operating**	
	Temperature: -10 – 60 ℃ Humidity: 15 – 90%	Temperature: 0 – 55 ℃ Humidity: 15– 90% (non-condensing)	
Operating Mode(s)	TAP: Controller-managed mode FAP: Standalone AP mode		
Access Method	Web User Interface Telnet SSH SNMP		
CERTIFICATIONS	CE		