ZCOM

SP410

4x4 Dual Band
802.11ac Wave 2 Outdoor Access Point
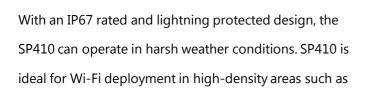
Ultra-fast Data Rate
Delivers higher data rates up to 2533Mbps over a greater area with pervasive coverage than any competing access point

MU-MIMO Technology
Simultaneously stream data to multi-devices for high-density applications

The SP410 high integrated, outdoor 802.11ac Wave2 wireless access point delivers exceptional performance. It supports a wireless transmission rate up to 2533 Mbps and can accommodate up to 512 wireless client device connections.

Improved User Experience
Supports Hotspot 2.0 and authenticates every connection, which avoids connecting inconvenience. Enable a more cellular-like user experience while connecting to Wi-Fi networks

With an IP67 rated and lightning protected design, the SP410 can operate in harsh weather conditions. SP410 is ideal for Wi-Fi deployment in high-density areas such as campuses, parks, and tourist attractions.

IP67 Rating
Robust design with IP67 rating withstands harsh environments

Standards	IEEE 802.11a/b/g/n/ac	
Radio Chains	2.4 GHz: 4x4:4 5GHz: 4x4:4	
Antenna Peak Gain	2.4GHz: 2 * 8dBi + 2 * 4dBi (Embedded) 5GHz: 2 * 9dBi + 2 * 5dBi (Embedded)	
Antenna Type	2.4/5GHz: Omni antenna	
Supported Data Rates	802.11b: 11 Mbps / 802.11a/g: 54 Mbps 802.11n: 800Mbps / 802.11ac: 1733Mbps	
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	2.412 – 2.472 GHz; 13 channels 5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.865 GHz; 7 channels
	*Operating Channel depends on configured regulatory domain.	
Max. Transmit Power	**2.4GHz**	**5GHz**
	37dBm w/ 4 ant.	37dBm w/ 4 ant.
	*The maximum power setting will vary by channel and according to individual country regulations.	
Receive Sensitivity	-100dBm (Min.)	
	2.4GHz	**5GHz**
	HT20: -97dBm/HT40: -94dBm	VHT20: -96dBm/ VHT40: -93dBm/ VHT80: -90dBm
Interfaces	2 x 10/100/1000 Mbps, RJ45, PoE port (on one port) 1 x Reset button	
Indicator	Power / WLAN / LAN	
Supported Wireless LAN Controllers	WS5G2 / WS7G2 /WS10G2 / WS200G2 / WS500G2 / WS1000G2	
IP Rating	IP67	

Power	**Power Consumption**	**Power Input**	
	< 25.5W	802.3at (PoE+)	
Physical Characteristics	**Dimensions**	**Weight**	**Mounting Type**
	310 (L) × 305 (W) × 94 (H) mm	2 Kg	Pole mount
Environmental	**Storage**	**Operating**	
	Temperature: -20 – 65 ℃ Humidity: 10 – 95%	Temperature: -20 – 65 ℃ Humidity: 10 – 95%(non-condensing)	
Compliance Standards	IEC/EN 60950 EN55032 & EN55024 WEEE & RoHS **IEEE standards:** IEEE 802.11a/b/g/n/ac IEEE 802.11d, e, h, i, j, k, r, u, v time stamp, w, and z standards **Security:** Open System 802.1x WPA-PSK/WPA2-PSK WPA-Enterprise/WPA2-Enterprise **Extensible Authentication Protocol (EAP) types:** EAP-Transport Layer Security (TLS) EAP-Tunneled TLS (TTLS) Protected EAP (PEAP) EAP-Subscriber Identity Module (SIM) *Above partial functions should be configured by Z-COM Wireless LAN Controllers (WLC)		

Package Contents	
SP410	802.11ac Wave 2 4 x 4 Dual Band Outdoor Access Points. Mounting bracket included. Does not include power adapter.

選用配件			
SP-CBM5	Anti-theft steel rope + allen wrench + four screws	SP-MKM5	Two-dimensional mounting kit
SP-WP-CM20	Waterproof cable gland	SP-48063-XX	48V PoE Injector + power cord

*Notice: When ordering power adaptors, you must specify the destination region by indicating -US, -EU instead of -XX.

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