



SP-410

4X4 Dual Band 802.11ac Wave2



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.

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.

Ultra-fast Data Rate

Deliver 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

IP67 Rating

Robust design with IP67 rating withstands harsh environments

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

WIRELESS

Standards	IEEE 802.11b/g/n IEEE 802.11an/ac
Radio Chains	2.4GHz: 4x4:4 5GHz: 4x4:4
Supported Data Rates	802.11b: 1, 2, 5.5, 11 Mbps 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: 800Mbps 802.11ac: 1733Mbps
Bandwidth	20 / 40 / 80 MHz
Frequency Bands	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: 5.15GHz – 5.35GHz 5.47GHz – 5.85GHz EU/Japan: 5.15GHz – 5.35GHz 5.47GHz – 5.725GHz China: 5.15GHz – 5.35GHz 5.725GHz – 5.85GHz India: 5.15GHz – 5.35GHz 5.725GHz – 5.85GHz 5.85GHz – 5.875GHz

Operating Channels	2.4GHz: US: 1 – 11 EU/Japan/China/India: 1 – 13 5GHz: 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	2.4GHz: 28dBm 5GHz: 28dBm
Receive Sensitivity	11b: -87dBm 11a/g: -91dBm 11n: -90dBm 11ac: -90dBm

ANTENNA

ANTENNA	2.4GHz: 2 * 8dBi + 2 * 4dBi (Embedded) 5GHz: 2 * 9dBi + 2 * 5dBi (Embedded)
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DIMENSIONS & WEIGHT

Dimensions	310 (L) × 305 (D) × 94 (H) mm
Weight	2kg

CERTIFICATIONS

Certifications	CE RoHS
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HARDWARE

Interfaces	2 10/100/1000 Mbps, RJ45, POE port (on one port) 1 Reset button
Power Input	802.3at (PoE+)
Power Consumption	< 25.5W
Indicator	Power / WLAN / LAN



Mounting	Pole
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ENVIRONMENT

Operating	Temperature: -20 – 65 °C Humidity: 10 – 90% (non-condensing)
Storage	Temperature: -20 – 65 °C Humidity: 10 – 95%

MANAGEMENT

Operating Mode(s)	TAP: Controller-managed mode FAP: standalone AP mode
Access Method	Web User Interface Telnet SSH SNMP