



ZAC-1023-5

802.11n (2X2) PtMP/Bridge Outdoor AP



ZAC-1023-5 is a product compliant with the IEEE 802.11n standard to support higher bandwidth for wireless internet service.

ZAC-1023-5 supports 5GHz access point/CPE features with outstanding throughput performance and a cost-effective design that allows for reliable equipment at affordable prices.

It features an embedded 5 dBi external antenna with extensive wireless coverage, supports a data rate of up to 300 Mbps.

Advanced Security

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

Easy installation and Flexible deployment

Quick installation in minutes and easy to move into any area.

Remote Monitoring

Transmits the product status to Z-COM wireless LAN controller, which mitigates the IT staff's management effort.

Standards	IEEE 802.11an	
Radio Chains	5GHz: 2x2:2	
Supported Data Rates	802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11an: 300Mbps	
Bandwidth	20 / 40 MHz	
Frequency Bands and Operating Channels	Taiwan	US
	5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels	5.180 – 5.320 GHz; 8 channels 5.500 – 5.720 GHz ; 12 channels 5.745 – 5.825 GHz; 5 channels
	EU	China
	5.180 – 5.320 GHz; 8 channels 5.500 – 5.700 GHz ; 11 channels	5.745 – 5.825 GHz; 5 channels
	Japan	India
	5.500 – 5.720 GHz; 12 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	5GHz	
	32dBm	
	*The maximum power setting will vary by channel and according to individual country regulations.	
Receive Sensitivity	-89dBm(Min.)	
	5GHz	
	11a : -89dBm / 11n: -83dBm	
Antenna Peak Gain	5GHz: 5dBi (Embedded)	
Interfaces	1 x 10/100 BASE-T RJ45 port 1 x Reset button 1 x Ground terminal 2 x SMA Antenna connector	
Indicator	Power / WLAN / LAN / Signal	
Supported Wireless LAN Controllers	WS5G2 / WS7G2 /WS10G2 / WS200G2 / WS500G2 / WS1000G2	
Power	Power Consumption	Power Input
	12W	802.3af (PoE)
IP Rating	IP55	

Physical Characteristics	Dimensions	Weight	Mounting type
	111 (L) × 257 (W) × 48 (H) mm	500g	Pole mount
Environmental	Storage	Operating	
	Temperature: -40 - 70 °C Humidity: 10 - 95%	Temperature: -20 - 70 °C Humidity: 10 - 95% (non-condensing)	
Compliance Standards	IEC/EN 60950-1 EN55032 & EN55024 EN62311 WEEE & RoHS FCC Part 15 sub B/C/E Class A NCC Radio approvals: EN 300 328, EN301 893 (Europe) EN 301 489-1 and -17 (Europe) IEEE standards: IEEE 802.11n IEEE 802.11d, e, h, i, j, k, r, u, v time stamp, w, and z standards Multimedia: Wi-Fi multimedia (WMM) 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	
ZAC-1023-5	802.11n 2 x 2 PtP/PtMP Outdoor Access Point. Mounting bracket and power adapter included.