

WA200-OS2C2D Outdoor Access Point

■ Overview

WA200-OS2C2D outdoor Access Point is a high power Outdoor dual band ceiling type AP, provide 2.4G and 5G terminal access with the maximum 1.2Gbps rate. It supports POE 48V power , The power of the AP is up to 500mW, with high gain directional antenna, it can cover a large scope with high bandwidth and stability.

The device design with cast Aluminum enclosures, fully compliant with IP67 and waterproof standard, It can work at -40 to 65 degrees wide temperature environment.

■ Futures

- Max speed of wireless is 1.2Gbps;
- built-in 2*2MIMO ;
- Support Gigabit SFP
- High RF power output, up to 500mW;
- Support Telnet and WEB management;
- Support 802.11a/b/g/n/ac technical standard;
- High-sensitivity, meets technical standard of operators;
- supports 48V POE reverse power ;
- Waterproof, anti-dust, anti-ultraviolet, wide temperature and IP67 protection standards design to meet the various outdoor environment;
- Support 4G LTE and built-in storage (SSD and SD card compatible design)



■ Specifications

Item	parameter	specification
RF	Operating frequency	2.4GHz/5GHz
	Wireless standard	IEEE802.11ac/a/b/g/n MIMO 2x2
	TX power	<ul style="list-style-type: none">➤ 6-54Mbps:27dBm➤ MCS0:27dBm➤ MCS7:27dBm➤ MCS9 :24dBm
	Receiver Sensitivity	<ul style="list-style-type: none">➤ 21Mbps :-97dBm➤ 11Mbps :-91dBm➤ 6Mbps: -95dBm

		<ul style="list-style-type: none"> ➤ 54Mbps:-78dBm ➤ MCS0-HT20:-90dBm ➤ MCS7-HT20:-73dBm ➤ MCS0-HT40:-87dBm ➤ MCS7-HT40:-71dBm
Software features	Network function	<ul style="list-style-type: none"> ➤ Support AP, STA mode ➤ Support user isolation ➤ Support signal scanning ➤ Support bandwidth limit ➤ Support Portal authentication ➤ Support blacklist and white list ➤ Support prevent ARP Spoof attack ➤ Support for illegal AP detection ➤ Support AC management ➤ Support power adjustment ➤ Support VLAN
	Management function	<ul style="list-style-type: none"> ➤ Support WEB configuration management ➤ Support SNMPv2 ➤ Support Telnet CLI ➤ Support remote and batch software upgrade ➤ Support FTP, TFTP ➤ Support Remote Syslog ➤ Support console port configuration and debugging
	certificate and security functions	<ul style="list-style-type: none"> ➤ WPA/WPA2 (WPA-PSK , WPA-EAP) ➤ WEP 64/128 bit encryption ➤ MAC encryption ➤ Standard RADIUS server interface, channel support AES encryption
Environment Parameters	Power supply	48V POE power supply
	Dimensions	239mm (H) 195mm (W) 83mm (D)
	Weight	2Kg
	WAN Interface	<ul style="list-style-type: none"> ➤ 1 SFP slot for GE SFP transceivers ➤ 1*10/100/1000Base-Tx (combo with

		SFP port)
	Other port	SIM card, RS232 and SD card
	Antenna type	Optional built-indirectional antennas or outdoor external antennas (4 N Type RF connectors)
	power consumption	25W (typical) 30W (Maximum)
	Waterproof grade	IP67
	System memory	256M
	FLASH	16M
	Operating temperature	-40~55°C
	Humidity	5-95% (non-condensing)
	Storage temperature	-40~85°C

■ Application

- ISP wireless access service ;
- park and school Wireless network ;

■ Ordering information

NO.	Name	产品型号	产品描述
1	Outdoor AP	WA200-OS2C2D	Wireless speed 1.2Gbps, 1000Mbps eth, POE power, 2.4GHz and 5GHZ, 27dBm

■ Connect us

Company Address: F16, Bldg4, South 2 of Honghualing Industrial Zone, Xili, Nanshan, Shenzhen, Guangdong, China (518055)

Factory Address: F11, Bldg B, Wentao Industrial zone, Yingrenshiyongxin Village, Shiyan Street, Baoan district, Shenzhen, Guangdong, China (518055)

Telephone: (86) 755 26014509

Fax: (86) 755 26014506

Website: www.cdatatec.com