AIR DRONA

150Mbps Outdoor CPE

- IEEE 802.11b/g/n compliant with 150Mbps high-speed data rate.
- Wireless modes: Gateway, WDS, Repeater, AP Mode, Wireless ISP.
- Wireless users access control.
- AP Client, PTP, PTM.
- Wireless security - 64/128bit WEP, WPA/WPA2.
- Support 802.1d Spanning Tree.
- Quick and easy setup with Web-based management utility.
- 12V/24V Power Over Ethernet support.
- Weather proof case against rugged environment.

Air Pro

OVERVIEW

AirPro Air Drona is a 150Mbps high power outdoor CPE/AP. It Complies with IEEE 802.11b/g/n standard and adopts Qualcomm QCA9531 chipset. It comes with 12dBi high gain antenna, 1000mW high power, transmit/receive wireless distance can be of more than 2000 meters.

It supports Wireless AP, Gateway, WISP, Wireless Bridge, WDS operation mode which makes it an effective solution for PTP, PTMP application and outdoor long range Wi-Fi coverage application. Moreover, it has WDS button on case for switching the connection between PTP/PTMP modes. Also, it includes reset button, which eliminates the need of accessing product GUI.

Additionally, it supports special frequency from 2.312GHz to 2.4835GHz and 27 channels to avoid the Wi-Fi Interference and guarantees stable wireless connection.

Air Drona comes with ABS waterproof, dustproof and sunscreen shell, temperature adaptive and board protective; meantime, it supports Power over Ethernet and passive PoE. Ideal for outdoor use; easy to setup in areas where power socket are not readily available.

Besides that, Air Drona uses LED signal light to show the strength of the signal, so finding a suitable place for this outdoor CPE is easy, then firmware comply with the AC controller System and Cloud Management System, helpful in central management and data setting, to implement Advertisement and authentication function, also saves human work and cost, which makes it a professional outdoor wireless networking solution.

TECHNICAL SPECIFICATIONS

Firmware Features:	
Standard	IEEE 802.11n、 IEEE 802.11g、 IEEE 802.11b
Frequency Band	2.4GHz-2.4835GHz
Radio type	IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK)
	IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK)
	IEEE 802.11n: OFDM(BPSK/QPSK/16-QAM/ 64-QAM)
Data Rate	11n: up to 150Mbps(dynamic)
	11g: up to 54Mbps(dynamic)
	11b: up to 11Mbps(dynamic)
Access Protocol	CSMA/CA, CSMA/CD, TCP/IP, ICMP, NAT, PPPoE,
	DHCP, Wired static , Wi-Fi Client , UDP, DDNS
Wireless Mode	Gateway, Repeater, WDS, AP Mode
	Wireless ISP
Security	64/128bit WEP
	WPA(AES, TKIP with IEEE 802.1x)
	WPA2(AES, TKIPwith IEEE 802.1x)
	WPS
RF Output Power (Typical)	802.11n: 25±2dBm for OFDM mode
	802.11g: 27±2dBm for OFDM mode
	802.11b: 30±2dBm for CCK mode
Receive Sensitivity	11n : -72±2dBm@10% PER
	11g : -75±2dBm@10% PER
	11b : -92±2dBm@8% PER
Antenna	12dBi Panel Antenna
Dimension (mm)	225*80*71MM
Weight	0.2KGS
Operation Temperature	0°C ~ 40°C ambient temperature
Storage Temperature	-20% ~ 70% ambient temperature
Humidity	10% ~ 90% (Non-condensing)
Interface	1* RJ-45 WAN port
	1* RJ-45 LAN port
	Reset to default button/WPS button
Power requirement LED	Output DC12V(POE 12V/24V), 1A;Input 110V/220V
	Power, Wi-Fi, WAN, LAN

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