AIR NAMO-2

300Mbps High Power Outdoor AP

- **High Power 300Mbps AP/Client**
- **2*7dbi Omniantenna**
- **WPA/WPA2 encryptions for defence against security threats**
- **Seamlessly compatible with 802.11b/g/n devices**
- **Supports 24V/1A PoE**
- **Support multi SSID(up to 4)**
- **IEEE 802.1Q VLAN,**
- **Managed through Access controller**

Air Pro

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OVERVIEW

AirPro Air Namo2 is a 300Mbps high power outdoor wireless access point with omni antenna, it complies with IEEE 802.11b/g/n standard, adapts Qualcomm chipset, comes with 16MB flash, 64MB SDRAM, 7dBi omni antenna and 500mW high power. Covers more than 300 meters Wi-Fi range and is a good option for outdoor Wi-Fi signal coverage.

It comes with AP, Router and Wi-Fi Repeater operation mode to transmit a Wi-Fi signal in a certain place for outdoor users or can bridge the existing Wi-Fi signal to extend the range.

Air Namo2 comes with ABS waterproof, dustproof and sunscreen shell, temperature adaptive and board protective; ideal for outdoor Wi-FI networking projects. Meantime, it supports Power over Ethernet and passive PoE. Easy to setup in areas where power socket are not readily available.

Additionally, Air Namo2 supports up to 4 multi SSID, each SSID complies with IEEE 802.1Q VLAN, then Air Namo2 works with our AC controller, easy to configure and setup centrally, supports Captive Portal Authentication, easy to do ads, asks for login before entering into the network.

TECHNICAL SPECIFICATIONS

Hardware	
Chipset	MT7620A 580MHZ
Wireless	802.11N, 2T2R 300M MIMO Technology
Memory	256MB DDR2 RAM
Flash	16MB
Interface	2 10/100 Mbps RJ45 Port, support 12~24V PoE 1 Reset Button 1 DC Jack, 12V Power Supply
Antenna	2*7dBi Omni Antenna
LED Light	POWER WI-FI WAN LAN S1(GPIO9) S2(GPIO14) S3(GPIO11) S4(GPIO12)
Size	L 257mm , W: 87mm , H: 38 mm
Power	POE 24V/1A

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TECHNICAL SPECIFICATIONS

RF Data			
RF Data	802.11b/g/n: 2.4~2.4835GHz Korea Japan, ETSI, FCC		
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM DSSS = DBPSK, DQPSK, CCK		
Data Rate	300 Mbps		
Receive Sensitivity	802.11n(2.4GHz) -90dBm @ MCS0 -72dBm @ MCS7	802.11g – 90dBm @ 6Mbps – 72dBm @ 54Mbps	802.11b – 95dBm @ 1Mbps – 90dBm @ 11Mbps
	-90dBm @ MCS8 -68dBm @ MCS15		
RF Output Power	802.11n(2.4GHz)(± 1.5dBm) 28dBm@ MCS0~2/MCS8~10 28dBm @ MCS3/MCS11 27dBm @ MCS4/MCS12 27dBm @ MCS5/MCS13 26dBm @ MCS6/MCS14 26dBm @ MCS7/MCS15	802.11g(± 1.5dBm) 28dBm @ 6~24Mbps 27dBm @ 36Mbps 27dBm @ 48Mbps 26dBm @ 54Mbps	802.11b(±1.5dBm) 28dBm @1~11Mbps

Software	
Operation Mode	Wireless AP, Client
Protocol/Standard	IEEE 802.3(Ethernet) IEEE 802.3u(Fast Ethernet) IEEE 802.11b/g/n(2.4G WLAN)
Wireless	Auto-Channel selection Distance Control (802.1x Ack timeout) Multiple SSID (4 SSID) BSSID
Security	WEP Encryption-64/128/152 bit WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA Enterprise (WPA-EAP using TKIP) Hide SSID
System Setting	Web-based configuration (HTTP/Telnet)
Firmware upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Status in hand , useful statistic and Event log
Log	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file

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Physical Property	
Temperature	Working: 0°C~55°C
	Storage: -20°C to 70°C
Humidity	5%~95% (typical)

Certificate	
Certificate	CE FCC

Physical Contents
AIR NAMO 2- 1 Unit
PoE Adapter 24V/1A
User Manual
LAN Cable & Clamp

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www.airpro.in