

AIR NAMO 2 – 2.4G AP



AIR NAMO 2 is a 300Mbps high power outdoor CPE/AP with Omni antenna which complies with IEEE 802.11b/g/n standards. With more than 200 meters Wi-Fi range with 7dBi Omni antenna and 500mW high power, it is a good choice for outdoor Wi-Fi signal coverage. With AP, Router and Wi-Fi Repeater operation mode, it can transmit Wi-Fi signal in a certain place for outdoor users, or can bridge the existing Wi-Fi signal to extend the range.

NAMO 2 with ABS waterproof, dustproof and sunscreen shell, temperature adaptive and board protective, suit for outdoor Wi-Fi networking projects.

Key Features

- ❖ *High Power 300Mbps AP/Client*
- ❖ *2*7dbi Omni antenna*
- ❖ *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*

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

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)	802.11g	802.11b
	-90dBm @ MCS0	- 90dBm @ 6Mbps	- 95dBm @ 1Mbps
	-72dBm @ MCS7	- 72dBm @ 54Mbps	- 90dBm @ 11Mbps
	-90dBm @ MCS8		
	-68dBm @ MCS15		
RF Output Power	802.11n(2.4GHz)(± 1.5dBm)	802.11g(± 1.5dBm)	802.11b(±1.5dBm)
	28dBm@ MCS0~2/MCS8~10	28dBm @ 6~24Mbps	28dBm @ 1~11Mbps

	28dBm @ MCS3/MCS11	27dBm @ 36Mbps	
	27dBm @ MCS4/MCS12	27dBm @ 48Mbps	
	27dBm @ MCS5/MCS13	26dBm @ 54Mbps	
	26dBm @ MCS6/MCS14		
	26dBm @ MCS7/MCS15		

Software

Operation Mode	Wireless AP, Gateway, Repeater
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/WPA2 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

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Package Contents

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

