

Pre-Wi Max/OFDM

MAKAIR wind max



RADIO BRIDGE & ROUTER
2.3-2.7 Ghz. and 4.9-6.1 Ghz.



WIND Max is an OFDM Dual-Band Access Point/ Bridge/ Subscriber Module which can be accessed in all 802.11 wireless networks. It contains two separate wireless connectivity radio transceivers, which support all three popular wireless networking specifications. One of the two transceivers uses 2.4GHz frequency band and supports both wireless 802.11b and 802.11g, which offers up to 11Mbps and 108Mbps data rate respectively. The other transceiver uses 5GHz

frequency band and supports wireless 802.11a, also at 54Mbps. Since two radio waves operate in different frequency bands, they can work simultaneously and cover your wireless zone with high-speed performance.

In terms of security, Wind Max offers up to 256-bit AES WPA / WPA2. It also includes the MAC address filtering, which allows you to assign the Internet Access to those you want to. The configuration and installation is made to be simple and fast following the web browser-based setup.

PRODUCT HIGHLIGHTS

- Supports all 802.11a, 802.11b and 802.11g networks
- Wireless link speeds up to 108Mbps
- MAC address Filtering and 256-bit AES WPA / WPA2
- Web-based management and easy setup wizard AP, Bridge, Station, and Repeater Modes

FEATURES & BENEFITS

- Provide High performance universal wireless network connectivity
- Ideal for multi-media data transmission with high speed wireless performance
- Built in ethernet surge protection/ arrester
- Easy and fast installation and setup
- Adjustable ACK Time out for long

INTERFACE	
Ethernet LAN	One 10/100Base-T Ethernet switch port (auto sensing)
Connector	N-Female
RADIO CHARACTERISTICS	
Standard	IEEE 802.11a, 802.11b and 802.11g for WLAN; 802.3 for wired LAN
Frequency Bands	2.312 to 2.732GHz 4.9 to 6.1GHz
Modulation Tech	OFDM with support of 5, 10 MHz
Multiple BSSid	Yes, upto 8
Media Access Protocol	CSMA/CA with ACK
Transmit Power	802.11a: Typ. 20dBm @16QAM R3/4 802.11b: Typ. 20dBm @Normal Temp Range 802.11g: Typ. 20dBm @Normal Temp Range
Receive Sensitivity	XR -105 dBm 2 Mbps -96 dBm 9 Mbps -93 dBm 18 Mbps -90 dBm 36 Mbps -83 dBm 54 Mbps -74 dBm
Data Rates	1Mbps to 54 Mbps
Security	256 bit AES, WPA and WPA2 encryption, Security, VPN and firewall
SOFTWARE FEATURES	
Protocol Support	TCP/IP, IPX, NetBUI
Management	Built-in HTTP Server for setup and remote management via any browser
HARDWARE ENVIRONMENT	
Temperature	0 – 80°C operating, -20-70 C storing
Humidity	95% Non-condensing
POWER SUPPLY	
Input	Input: AC 100~230V, 0.35A, 18 VDC/48 VDC (Optional)
Output	Output: 18V DC, 1A
CERTIFICATION	FCC ; CE Mark
WARRANTY	1 Year