

WMM-3000R

MIMO-G Broadband Router

MIMO-G Family

The AirLive MIMO-G family is designed to provide faster speed and wider coverage than standard 802.11 products using MIMO, Turbo-G, and XR Technologies.



MIMO

A smart antenna technology that uses 2 or more antennas to achieve wider wireless coverage and less wireless dead spots. MIMO contains 3 key component technologies to achieve the result

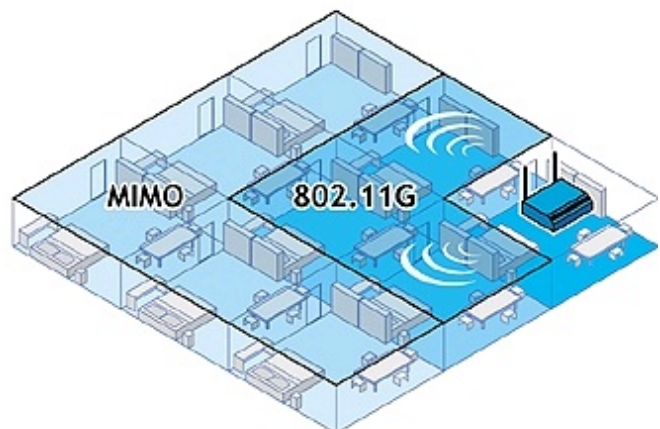
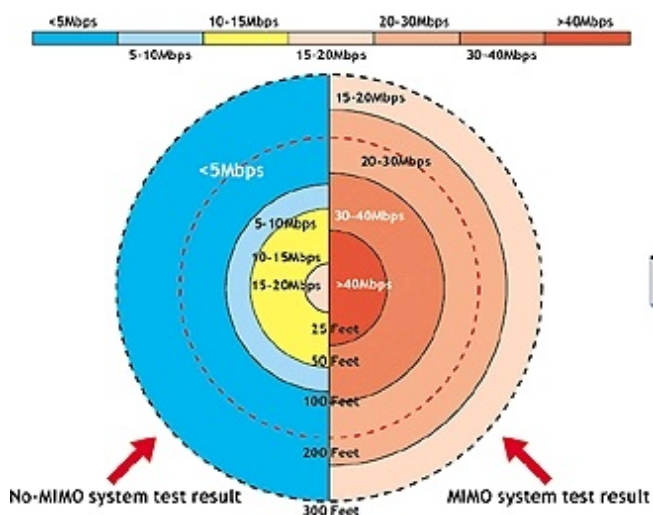
Turbo G

A technology that uses packet-overdrive technique to achieve much faster performance than standard 802.11g device.

XR

A technology that uses range-overdrive technique to increase the range and reduce wireless dead spots for better overall wireless coverage.

The result is wider coverage and up to 3 times faster speed than standard 802.11g wireless equipment. That means as the distance goes further, the MIMO-G speed will drop slower comparing to non-MIMO solutions. It is fully compatible with 802.11g, 802.11b, and Turbo-G devices. So you don't have to give up your existing wireless equipment.



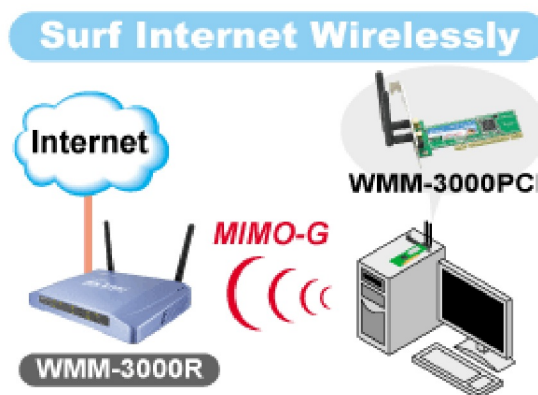


Wired Speed Routing Performance

In addition to the fast wireless speed, the WMM-3000R offers unprecedented IP sharing performance at a surprisingly affordable price. The router is equipped with a powerful processor that can support close to 100Mbps of Internet connection speed which is the speed of the Fast Ethernet connection. With this amazing throughput and a 10/100Mbps WAN port, the router is ready for use with the latest broadband solutions such as VDSL and FTTH. In addition, it comes with 4 auto sensing switching ports with auto-MDI/MDIX function to eliminate the need for cross-over cable.

AirLiveGuard Wireless Security

Wireless Security has always been a concern for most users. The AirLiveGuard system is a combination of multiple layers of wireless protections. Starting with "SSID Hide" that will prevent other users seeing the wireless network without knowing the exact SSID name. Then the WPA/WPA-PSK/WEK function encryptions the data, so intruders won't be able to interpret the wireless data. Therefore, unable to use your wireless connection. At last, the DoubleGuard access control system will lock wireless access to your PC's MAC and IP address. You can choose whether to let PC that are not on the MAC access list to use Internet connection, associate with wireless, or communicate with LAN PC only. This create a combination of 9 possible access schemes for the ultimate controllability.



Scheduling Firewall



Security has always been a primary concern for IP sharing and wireless environment. For this reason, AirLive has incorporated a full feature firewall that includes SPI, DoS Attack Prevention, VPN packet filter, and Threshold monitor. The SPI (Stateful Packet Inspection) technology detect situations where individual TCP/IP packets are valid but collectively they become a hacker attack.

The Router is the first in its price range to feature a policy based Firewall. Therefore, you can define which inbound or outbound traffic are allowed. Moreover, the scheduling feature allow user to define what time and day of the week the service would be available.

The URL and domain blocking prevent users from accessing unwanted website by IP or by the domain name. Email notification function enables the router to send email to notify user about hacker's attack or scheduled report on connection log. The WMM-3000R even offer the Syslog feature, so administrator can have the log recorded on a separate PC server. Comprehensive content filter and Access Control let administrator monitor and control the network for optimal security and performance.

Manufacturer

OvisLink Corp.

www.airlive.com

Wake-on-LAN and Special FTP port

The WMM-3000R features a special Wake-On-LAN function. So you can login to the router's UI from Remote, then ask the router to send out WOL packet to wake up specific PCs. The special FTP port allow your router to redirect FTP traffic to a different port than the standard Port 21, so you can continue to operate the FTP server even if your ISP block certain ports.

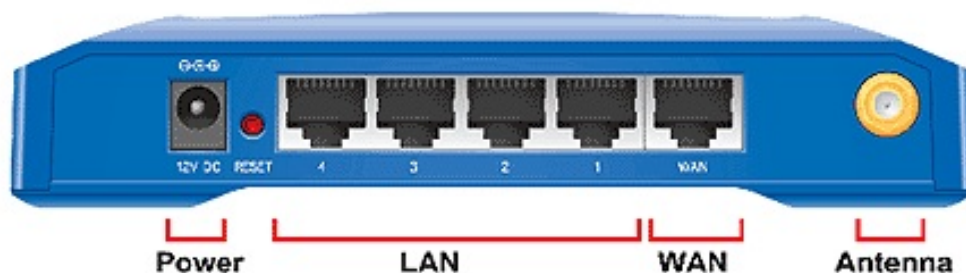
Easy Management

The router UPnP (Universal Plug-n-Play) capability let your router configure correctly with your PC and multi-user Internet application. The web management features comprehensive online help to explain every single function. Best of all, the setup Wizard guides user through to set up the Internet connection easily. For ISP and enterprise customer, the router support SNMP management functions.

Global Broadband Standard Support

AirLive has invested extra software effort to ensure compatibility with the global broadband standard. In addition to the standard cable modem, fixed IP, and PPPoE client xDSL support. AirLive has added support for PPTP client (Holland, Austria, England, Israel, Czech Republic), L2TP(Holland, Israel), Telstra Bigpond Cable(Australia), and SingTel RAS (Singapore). The WMM-3000R is designed to work with most broadband connections in the world.

** The MIMO-G mode works only when using with other MIMO-G devices.*





Specification

Ports

- 10/100Mbps WAN port
- 4 x 10/100Mbps switching LAN ports
- Auto MDI/MDI-X functions

Wireless

- Antenna
 - 2 x 2dBi detachable Dipole Antennas
 - 2 x Reversed SMA Connectors
- **Frequency**
 - USA (FCC) 11 Channels:
2.412GHz~2.462GHz
 - Europe (ETSI) 13 Channels:
2.412GHz~2.472GHz
 - Japan (TELEC) 14 Channels:
2.412GHz~2.483GHz
- Modulation
 - 11g Orthogonal Frequency Division Multiplexing (64QAM, 16QAM, QPSK, BPSK)
 - 11b Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
- Output Power
 - 11g
 - 64QAM: 14
 - 16QAM: 15
 - QPSK: 16
 - BPSK: 17
 - 11b
 - DBPSK, DQPSK, CCK: 17.5
- Data Rate
 - 11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
 - 11b mode: 11, 5.5, 2, 1 Mbps
- WEP: 64/128-bit
- WPA, WPA-PSK, WPA2, WPA2-PSK Support
- 802.1x Radius Authenticator

- WDS Repeater Mode

Configuration

- Web browser
- Web-based Setup Wizard
- SNMP Management
- Detailed On-Line Help
- Configuration Back and Restore
- Firmware Upgradeable
- Reset button provided

Broadband Support

- PPPoE client
- PPTP client
- L2TP Client
- Cable Modem
- Fixed IP
- Telstra Bigpond Cable
- SingTel RAS
- FTTH
- VDSL

Wake On LAN

- Wake up PC using MAC address
- Activate from DHCP Client list or Maintenance->Miscellaneous

Management Function

- DHCP Server for up to 253 clients
 - Lease Time, Fixed IP mapping
 - Including DNS, DNS2, WINS Server, WINS Server2.
- DHCP client to acquire dynamic network configuration from ISP



Specification

- Proxy DNS
- Dynamic DNS
- Virtual Server
- Multi-session PPTP, L2PT, and IPsecVPN pass through
- Static Routing
- Access Control
 - Block
- Packet Filter
 - In Bound Filter
 - OutBond Filter
- Schedule Control (Time and Day of the Week)
- Remote Management
- Session/User Lists
- Syslog
 - System Activity
 - Debug Information
 - Attacks
 - Dropped Packets
 - Notice
- Email Notification
 - Hacker Attack
 - Connection Log
 - Scheduled
- Firewall
 - Stateful Packet Inspection(SPI)
 - DoS Attack Prevention
 - L2TP, PPTP, IPsec filter
 - Disable WAN PING
- OS Support
 - Windows 95/98/NT/ME/2000/XP
 - Unix
 - Macintosh

- Any platform that support Web browser

Supported Protocols

- TCP/IP, NAT, ARP, ICMP, DHCP client/server, PPPoE, PPP, PAP, CHAP, NTP, HTTP, TFTP, POP3

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LED Indicators: Power, WLAN, Status, WAN, LAN x 4 (Link, Speed)

EMI: Meet CE, FCC part 15 Class B, BSMI, VCCI, C-tick

Dimension: 160 x 115 x 30mm

Weight: 210g

Power: AC 12V, 1A

Ordering Information

WT-2000R Turbo-G Broadband Router