WaveLink WM-G500R
802.11g Wireless MIMO Router

Features:

- Configuration and management operated via WWW browser with password protected access
- Enhance Wireless coverage with MIMO technology
- Supports MIMO Wireless, Compatibility with IEEE 802.11g and 802.11b (2.4GHz) standards
- Up to 54Mbps data rate for wireless networks
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security
- All Ethernet ports support auto-crossover (MDI/MDI-X) - No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- DMZ and Virtual Server function
- WAN and LAN side connection statistics
- Provided operating modes include routing, bridge, static IP, PPPoE etc
- Firmware upgraded via HTTP

Specification:

Wireless Features
- Support IEEE 802.11g, 802.11b and MIMO XR™
- Wireless Access Point
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK,WPA2-PSK, 802.1x
- Transmit Power: 18dBm ± 2dBm

Modulation Types Supported
- OFDM: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g)
- DSSS: DBPSK, DQPSK, CCK(11b)

Data Rates Supported
- IEEE 802.11b: 1, 2, 5.5 and 11 Mbps
- IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps

Quality of Service (QoS)
- IEEE 802.11e QoS
- Wi-Fi Alliance WMM (Wi-Fi Multimedia Enhancement) support

Management Features
- Firmware upgrade via HTTP
- WAN and LAN side connection statistics
- Configuration of static routes and routing table
- Configuration of NAT / NAPT
- Password protected access
- Selection of Bridge or Router Mode
- PPP user ID and password

Physical Interfaces
- 4 * RJ-45 10/100Mbps LAN Ports
- 1* RJ-45 WAN Port
- 1 Power Jack
- WAN Status, Power and switching hub LED indicators

Router Features
- DHCP Server and Client
- NAPT (Network Address and Port Translation)
- NAT (Network Address Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)
- DDNS (Dynamic Domain Name Service)

Security Features
- Password protected configuration access
- User authentication (PAP / CHAP) with PPP

Ethernet Features
- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)
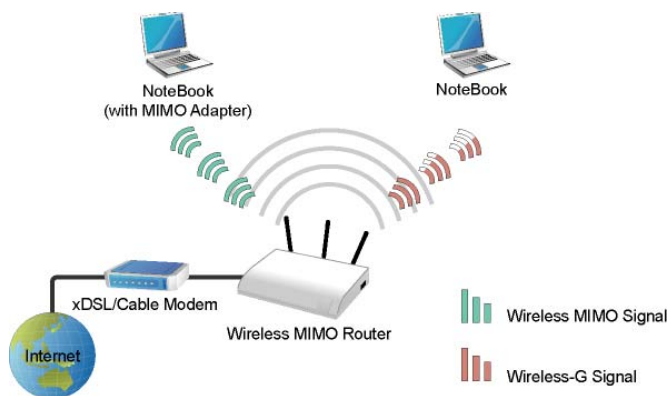
Temperature
- 32~131°F (0 ~55°C)

Humidity
- Max. 95% (NonCondensing)

Regulatory Approvals
- FCC Part 15 class B & Part 68
- CE Mark, EN 55022；EN 55024；EN 50081-1

Application Diagram:

Ordering Information:

WM-G500R : 802.11g Wireless MIMO Router

* Product specification subject to change without notice.

WAVELINK