MIMO Wireless LAN Router

MIMO XR™

MIMO Wireless LAN AP Router
IEEE 802.11g/b with MIMO Solution

✔ **RoHS Compliant**

BR-6216Mg

Introduction :

The MIMO (Multiple-Input Multiple-Output) technology enables you to connect to wireless networks from further distances than before, the MIMO solution has two antennas for signal reception and one antenna for high power signal transmission. Not only the reach is enhanced, but also the "dead spots" in the network are reduced.

The features **Packet-OVERDRIVE**™ (Turbo Mode) technology that combines Packet Burst and Frame Aggregation for up to 35 Mbps throughput, without resorting to channel bonding that decreases available channels and increases interference.

In addition, the MIMO solution remains backwards compatible, and works perfectly with existing 802.11g/b products and doesn't make previous Wi-Fi investments redundant.

Features :

IP Sharing
The NAT/NAPT function lets you share the ADSL line with all the Intranet users (supports up to 253 users). It also provides virtual server and virtual DMZ functions to let your internal servers be accessed from the Internet.

Wireless MIMO Access Point
The wireless MIMO access point function offers your IEEE 802.11g/b wireless client devices access to the Intranet through this router and provides improved throughput and a broader reach than existing 802.11g/b.
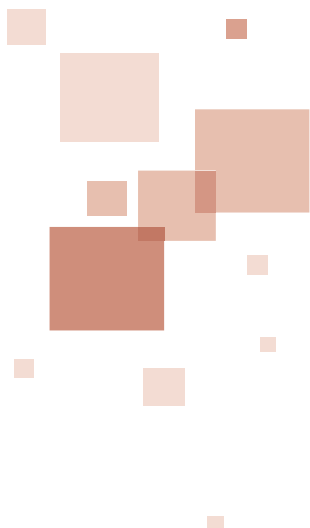
Supports Special Applications
The router can let you setup trigger ports of special applications, and let you utilize Internet services smoothly.

Virtual Server and DMZ
The virtual server and DMZ function lets you setup your servers in the Intranet and still provides services to the Internet users.

ISO 9001

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Functions :

- Supports IEEE 802.11e WMM and Quality of Service (QoS)
- NAT/NAPT IP Sharing
- Anti-DoS Firewall and Virtual Server / DMZ
- Supports 64/128 Bit Key Length WEP Encryption
- Supports WPA-PSK, WPA-Radius, WPA2 Security
- Supports Special Applications (Port Triggers)
- Supports DDNS (DynDNS, TZO)
- VPN Pass Through (IPSec/PPTP)
- Obtains WAN IP by PPPoE/Static IP/PPTP/DHCP
- Provide DHCP Server
- Web User Interface (Remote Configuration)
- System Status / Security Log
- Firmware Upgrade

Specifications :

Model NO.	EW-6216Mg
CPU	RDC 3211
Switch	Realtek RTL8305SC (5 Port Switch)
RF	Ralink RT2661
Flash / RAM	2 MB NOR Flash / 16 MB SDRAM
Data Rate	54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
Security	64/128-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE 802.1x)
Antenna	RP-SMA Detachable Antenna
WAN Port	10/100 UTP X 1
LAN Ports	10/100 UTP X 4
Transmit Power	18dBm $\pm$ 2dBm
Power	12V DC, 1A Linear Power Adaptor
Dimension	30(H) x 187(W) x 100(D) mm
Temperature	32~131°F (0 ~55°C)
Humidity	Max. 90% (Non-Condensing)
Certification	FCC, CE, C-Tick

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