

MWA-6202 802.11n Wireless Broadband Router and Access Point



The MWA-6202 with IEEE 802.11n Draft 2.0 specifications, delivers wireless speed up to 300Mbps data rate, provides multi-functional capabilities, particularly the high-performance throughput and high-quality security. Incorporating five Fast Ethernet ports and Wireless (802.11b/g/n) networking device, MWA-6202 enables your whole network sharing a high-speed cable or DSL. It also maximizes the performance and ideal for media-centric applications like streaming video, gaming and Voice over IP technology.

Operation Mode

- Router (Gateway) Mode
- Bridge (AP) Mode
- WISP Mode

Wireless

- IEEE 802.11n Draft 2, IEEE 802.11b/g
- Mode: AP / Repeater / Client / WDS /AP+WDS
- Channel Selection: Auto or Manually
- SSID: One SSID

WAN / LAN

- WAN Connection Type: Static IP / DHCP Client / PPPoE / PPTP (Static, Dynamic)
- Networking: DHCP Server / Client, DynDNS, NTP Client, VPN Passthrough

Security

- Wireless Security: None / WEP64 / WEP128 / WPA / WPA2 Pre-Shared Key, WPA/WPA2 Ciphers: TKIP/AES/TKIP+AES
- Access Control List: Allow or Deny List

WPS

- Support PBC and PIN Settings

Firewall

- NAT
- IPSec / PPTP / L2TP Pass Through
- IP Filtering
- Port Filtering
- MAC Restricting
- URL Filtering
- Port Forwarding
- DMZ

Management

- System Status
- Packet Statistic for Ports (WLAN-LAN-WAN)
- Syslog (Local and Remote)
- Dynamic DNS
- Denial-of-Service
- Firmware Upgrade
- Restore Settings
- Password Setup

Ports

- WAN: 1 Fast Ethernet Port
- LAN: 4 Fast Ethernet Ports

Antenna

- Qty: 2
- Type: Detachable

LED

- Power
- WAN
- LAN

Button

- Hardware Reset
- WPS (WiFi Protected Setup)

Package Content

- 802.11b/g/n AP/Router
- Power Supply
- User's Guide (CD)
- 1 db RJ-45 cable

Technical Specification

Standard	IEEE 802.11n Draft 2.0, IEEE 802.11b/g for WLAN IEEE 802.3, IEEE 802.3u for wired LAN
Frequency Band	2.4GHz ISM Band
Operating Channel	13 Channels (Europe), 11 Channels (US, Canada), 14 Channels (Japan)
Channel Width	20Mhz or 40Mhz (N band only)
Modulation	BPSK / QPSK / 16-QAM / 64-QAM
Transmit Power	IEEE 802.11n: < 14 dBm IEEE 802.11g: < 15 dBm IEEE 802.11b: < 17 dBm
Receiver Sensitivity	IEEE 802.11n: -64dBm @ 10% IEEE 802.11g: -70dBm @ 10% IEEE 802.11b: -80dBm @ 8%
Data Transfer Rates	IEEE 802.11n (auto fallback): 300, 270, 243, 216, 162, 108, 81, 54, 27 Mbps (40Mhz) IEEE 802.11g (auto fallback): 54, 48, 36, 24, 18, 12, 9, 6 Mbps IEEE 802.11b (auto fallback): 11, 5.5, 2, 1 Mbps
Operating Range	Indoor 100m, Outdoor 280m *The performance various depend on environment.
Antenna	Detachable Antenna (2Tx2R)
Security	64/128 bit WEP, WPA, WPA2, TKIP, AES, WPA with Radius
Operating Mode	Gateway, Bridge, WISP (Wireless Internet Service Provider)
Wireless Mode	AP / Client / WDS / AP+WDS, Universal Repeater
Network Type	Infrastructure and Ad Hoc (While the Wireless Mode is selected to be Client)
Chipset	Realtek RTL8651C + RTL8190 + RTL8256
Flash	2 MB
RAM	16 MB SDRAM
Size	138 x 92 x 33 mm (L x W x H)
Temperature	Operating: 0C - 50C Storing: -10C – 70C
Humidity	5-90%, Non-condensing
Power Supply	DC 12V
WAN Port	1 x 10/100Base T-Ethernet switch port (auto sensing)
LAN Port	4 x 10/100Base T-Ethernet switch port (auto sensing)
LED Indicators	Power, Active (WLAN, LAN, WAN), WPS
Buttons	Reset to default setting, WPS (Wi-Fi Protected Setup)
Certification	CE, FCC
Warranty	1 year