

MyTek MWA-204 Wireless 802.11b/g Router and Access Point with WDS and VPN support



The **MWA-204** is a **high power** wireless router and access point which is fully supports the features and functional compliance of IEEE 802.11g standard. It is designed to provide good performance with minimum power consumption and enhance the advantages of robust system and cost-effective. **MWA-204** is targeted at competitive price-performance, better power management, SOHO and business offices.

Features

- Complies with IEEE 802.11b/g standard for 2.4GHz Wireless LAN.
- Support gateway, bridge, WISP (Wireless ISP) functions between wireless and wired Ethernet interfaces
- Supports AP, AP Client, WDS (Wireless Distribution System), AP+WDS and Universal Repeater wireless mode
- Supports Infrastructure and Ad-Hoc Network type
- Supports 64-bit and 128 bit WEP, WPA, WPA2, encryption/decryption function to protect the wireless data transmission
- Supports IEEE 802.1x Authentication
- Supports Wi-Fi Protected Access Authentication with Radius and Pre-Shared Key mode
- Supports Inter-Access Point Protocol (IAPP)
- Supports IEEE 802.3x full duplex flow control on 10/100M Ethernet interface
- Supports DHCP server to provide clients auto IP addresses assignment
- Supports static and dynamic IP routing
- Supports DHCP Client, Static IP, PPPoE, PPTP Client (Static/Dynamic) on Ethernet WAN interface
- Supports clone MAC address function
- Support firewall security with port filtering/IP/MAC/URL filtering, port forwarding, trigger port, DMZ hosting functions, DoS
- Supports WEB based management and configuration
- Supports NAT (Network Address Translation)
- Supports UPnP for automatic Internet access.
- Supports Dynamic DNS service.
- Supports NTP client service.
- Supports Log Table and remote Log service
- Supports Setup Wizard mode
- VPN - Virtual Private Network, 10 tunnels
- Supports IPSEC tunnel encryption (3DES/AES128) and authentication (MD5/SHA1)
- Adjustable ACK timeout
- WPS – Wifi Protected Setup
- WatchDog
- QoS: Bandwidth Control

Technical Specification

Standard	802.11b/g(Wireless), 802.3(10BaseT), 802.3u(100BaseT)
Data Transfer Rate	54Mbps(Wireless), 100Mbps(Ethernet)
Modulation Method	CCK(802.11b), OFDM(802.11g)
Frequency Band	2.4GHz – 2.497GJz ISM Band, DSSS
RF Output Power	20 dBm
Receiver Sensitivity	802.11b -80 dBm@8%, 802.11g -68 dBm@8%
Operation Range	30 to 280 meters (depend on surrounding)
Antenna	External Detachable Antenna
LED	Power, Active (WLAN), Act/Link (Ethernet)
Security	64 bit/ 128 bit WEP, WPA, WPA2, port/IP/MAC/URL filtering, port forwarding, DMZ hosting, DoS
CPU	Realtek RTL8186
RF	Realtek RTL8225
Flash	2MB
RAM	16 MB SDRAM
LAN interface	One 10/100BaseT with RJ45 connector (WAN) Four 10/100BaseT with RJ45 connectors (LAN)
Power Consumption	12V DC Power Adapter, 1 A
Operating Temperature	0 ~ 50°C ambient temperature
Storage Temperature	-20 ~ 70°C ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	137 x 96 x 35 mm