

MNWAPGR 802.11b/g Access Point/Router with WDS feature

The MNWAPGR wireless AP/router based on the cutting-edge IEEE 802.11g wireless technology, is a high quality and reliable Internet routing and security device combining firewall and network management support for the home and the small office segment. WDS bridge mode (Repeater Mode) function lets it work as a bridge to build up a large network wireless network. This feature is also useful when users want to bridge networks between buildings where it is impossible to deploy network cable connections between these buildings.

Features:



- Integrate with 4 ports Fast Ethernet switch:10/100Mbps MDI/MDIX autosensing.
- Provide 10/100Mbps WAN interface to connect with DSL or cable modem for broadband Internet access.
- Built-in NAT function: allow multiple PCs and devices to share one Internet connection.
- Over 90Mbps wired routing speed.
- Browser-based interface configuration and management: OS independent, easy to use for consumer install.
- Built-in firewall to protect your Intranet.
- VPN support: pass through of PPTP, L2TP, and IPSec.
- Easy to upgrade: using Web or Windows Application to upgrade new version of firmware.
- High speed for wireless LAN connection: support both IEEE 802.11b and 802.11g. Up to 54 Mbps data rate when operates in 802.11g mode.
- Provide seamless roaming within the IEEE 802.11b and 802.11g WLAN infrastructure.
- Data rate supported: 6/12/18/24/36/48/54 Mbps in 802.11g mode; 1/2/5.5/11Mbps in 802.11b mode.
- WEP encryption and WPA supported.

Technical Specifications

Standard	- IEEE 802.11b - IEEE 802.11g
Data Rates	IEEE 802.11b (auto-fallback): - 11, 5.5, 2, 1 Mbps IEEE 802.11g (auto-fallback): - 54, 48, 36, 24, 18, 12, 6 Mbps
Range	Indoor: 35-100m Outdoor: 100-300 m
Frequency	2.4 ~ 2.4835 GHz
Channels	America 11 Channels / FCC 2.412-2.462 GHz Japan 14 Channels / TELEC 2.412-2.484 GHz Europe 13 Channels / ETSI 2.412-2.472 GHz
Antenna	Detachable 2 dBi antenna x 1
Security	WEP encryption and WPA support
Output Power	IEEE 802.11g: 13dBm \pm 1.5 dB, typical. IEEE 802.11b: 17dBm \pm 1.5 dB, typical
Receiver Sensitivity	11g @PER <10% 54Mbps: -70dBm

	48Mbps: -71dBm 36Mbps: -75dBm 24Mbps: -79dBm 18Mbps: -82dBm 12Mbps: -84dBm 9Mbps: -87dBm 6Mbps: -88dBm 11Mbps: <8% 11Mbps: -84dBm 5.5Mbps: -85dBm 2Mbps: - 86dBm 1Mbps: - 88dBm
Management method	WEB based
Supported WAN Type	Static IP address, Dynamic IP Address (DHCP Client), (Multi-session) PPP over Ethernet, PPTP, L2TP
Connection Scheme	Connect on Demand/Auto-Disconnect, Manually Connect/Disconnect, Auto Reconnect
NAT Funcionality	One-to-Many NAT, One-to-One NAT, Virtual Server, Special Application
Access Control	MAC-level Access Control, Inbound/Outbound IP Filter, Domain Access Control
Firewall	Nat Firewall with SPI mode, DoS Detection
Event Logging	On-web logging, Syslog supported, Email Alert
VPN Supporting	IPSec, PPTP, LT2P Pass-Through
Routing	Static Route
Upgrade Method	WEB-based
Other Features	DDNS Support, UpnP Support, SNMP Support, Bigbond cable support
Input Power	AC 12V 1A
CPU	AMRISC 10000
Memory Flash	1 MB, DRAM 2 MB
Wireless	Ralink 802.11g
LAN Port	4 x RJ45, 10/100 Mbps with Auto-MDI/MDIX
WAN Port	1 x RJ45, 10/100 Mbps with Auto-MDI/MDIX
Certificates	CE, FCC