

Wireless 11 G

RESIDENTIAL

GATEWAY

MN54G4R



The Minitar Wireless 11g Residential Gateway MN54G4R, 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. Add a USB Print Server and the Minitar MN54G4R becomes the best choice for an all-in-one Wireless 802.11g Router.

Features & Benefits:

Wireless data rates up to 54Mbps

5 times faster than the 802.11b standard

All-in-one Internet-sharing Router, 4-port Switch, and 802.11g Access Point

The MN54G4R is an ideal all-in-one solution for quickly creating and extending your network.

Advanced wireless security with 64/128-bit WEP encryption, MAC or IP address filtering

Provides a high level of security for network data and communication.

Wi-Fi Protected Access (WPA) Support

Provides even better security with WPA Support.

NAT: Front-end firewall hides the network SPI (Stateful Packet Inspection)

Allows incoming data from the Internet only if it is part of a session that was initiated by one of the users on the secure Local Area Network (LAN), but will block all communications that are initiated from the Internet.

Product Specifications:

Performance

Wired Data Rates

10/100Mbps Auto-sensing (full-duplexing switch)

Wireless Data Rates

- IEEE 802.11b (auto-fallback):
 - CCK: 11, 5.5Mbps
 - DQPSK: 2Mbps
 - DBPSK: 1 Mbps
 - IEEE 802.11g (auto-fallback):
 - OFDM: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
-

Wireless Range

- Indoor
 - $\geq 120M @ 11Mbps$
 - $\geq 20M @ 54Mbps$
 - Outdoor
 - $\geq 170M @ 11Mbps$
 - $\geq 50M @ 54Mbps$
-

Wireless Transmission Power

17 \pm 1dBm

LAN

Number of PCs Supported

Up to 253

Number of Ports

Four RJ-45 10/100 switched Ethernet ports

Standard Compliance

802.11g/802.11b/802.3/802.3u

Wireless Radio Type

2.4GHz ; DSSS and OFDM

WEP Data Encryption Options

64/128-bit

Routing

DHCP; NAT, TCP/IP

WAN

Number of Ports

One RJ-45 port for cable/DSL modem; One print server port.

Firewall

- IP/Port Address Forwarding Filtering
 - MAC Address Forwarding Filtering
 - MAC Address Associating Filtering
 - DoS Prevention
 - Application Layer Gateway
 - Virtual DMZ
-

Management Tools

Web-based browser; event log; login password

Physical Specifications

Dimensions

180 x 127.2 x 32mm

Antenna

Dipole type with dual external antenna

Operating Environment

- Operating environment: 0~50°C (32~122°F)
 - Storage environment: -30~70°C (-22~158°F)
 - Humidity: up to 40°C (104°F) with 85% non- condensing
-

Input Voltage

12VDC (includes AC adapter)

Indicators (LEDs)

Power, WAN/LAN port activity, Wireless Network Status

Certifications

United States
FCC Part 15 class B



Europe

CE

Europe

C-Tick



©2003 Minitar Corporation. All Rights Reserved. All Trademarks are those of their respective owners. Specification subject to change without notice.

MINITAR WIRELESS SERIES
www.minitar.com