



CG814M

Wireless Cable Modem Gateway

Total Internet Gateway Capability for Secure, Wireless Networking

- *Help is there when you need it! NETGEAR provides, 24x7 telephone and e-mail technical support in English, with selected local language support during office hours.*

- NETGEAR's CG814M Wireless Cable Modem Gateway delivers shared cable access with firewall protection without additional wires. One package equips you with everything you need for a fully outfitted network: a cable modem, an 802.11b wireless access point, a router, a firewall, and a switch. No external modem is required in order to enjoy instant high-speed Web access, file sharing, video streaming, head-to-head Internet game-playing, and MP3 downloading. This highly capable wireless, Ethernet, USB Internet gateway provides state of the art filtering and controls that allow parents and administrators to limit URL access and monitor Internet activities. And – this is important – it comes with firewall protection to secure your computers and network against hackers. With the animated Installation Assistant, Web browser-based settings, and on-screen help providing guidance through each step, your setup couldn't be easier. The sleekly designed unit complements home and office environments. And since it's made by NETGEAR, you can rest assured that this gateway is engineered for smooth, long-running reliability.

- U n t e t h e r e d** ● Immediately allows you to enjoy the freedom of wireless capability. The built-in 802.11b wireless access point lets you extend your network to support up to 11 Mbps throughput without the need for any new cabling.

- F u l l y E q u i p p e d** ● Four 10/100 Ethernet ports support up to 253 computers on your network. Auto-partitioning on each port protects each installed computer from damaged network connections. The integrated modem is DOCSIS 1.0 compliant and upgradable to DOCSIS 1.1 – guaranteed to work with your local cable service provider.

- S a f e g u a r d e d** ● URL content filtering and time-of-day usage limits give parents and administrators ultimate control over user access. E-mailed reports of browsing activities and optional real-time e-mail alerts provide further input on user activity. NAT (Network Address Translation) Firewall with VPN (Virtual Private Network) pass-through protects against Internet attacks, and auto-partitioning on each port protects each installed computer from damaged network connections.

- U S B - E a s y** ● Simple for anyone, even those without networking experience, to set up and use. A USB port provides simple Plug and Play connectivity, and an animated Install Assistant leads you every step of the way. Lighted status icons make it easy to observe network activity.



Related Products

For connecting computers:

- Fast Ethernet PCI Adapter for desktops (FA311 or FA312)
- Fast Ethernet Adapter for laptops (FA411 or FA511)
- Fast Ethernet USB Adapter (FA101 or FA102)

For connecting computers wirelessly:

- 802.11b Wireless PC Card for laptops (MA401)
- 802.11b Wireless PCI Adapter for desktops (MA301 or MA311)
- 802.11b Wireless USB Adapter for desktops (MA101)
- 802.11b Wireless Compact Flash Adapter for PDA's (MA701)

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Technical Specifications

- **Routing Protocols:**
 - Static & Dynamic Routing with TCP/IP, VPN pass-through (IPSec, L2TP), NAT, UDP, DNS, DHCP (client & server)
- **Application Support:**
 - Works with most Internet applications including: Quake, Half-Life, StarCraft, Unreal Tournament, ICQ®, AOL® Instant Messenger™, Microsoft Messenger®, NetMeeting®, RealPlayer®, Windows Media Player™, Net2Phone®, Dialpad®
- **Physical Interfaces:**
 - **LAN Ports:** Four (4) 10/100 Mbps auto-sensing, Auto-Uplink™ RJ-45 ports (one Cat 5 UTP cable included), one (1) USB port, 802.11b wireless
 - **WAN Ports:** DOCSIS 1.0, upgradeable to DOCSIS 1.1
- **Security Features:**
 - **Firewall:** Stateful Packet Inspection (SPI) to prevent Denial of Service (DoS) attacks (Syn flood, ICMP flood, UDP flood, "ping of death," IP spoofing, land attack, tear drop attack, IP address sweep attack, Win Nuke attack), Intrusion Detection System (IDS) including logging, reporting and e-mail alerts, Web URL content filtering
 - **VPN Functionality:** NAT traversal (VPN pass-through) for IPsec, PPTP and L2TP VPNs
 - **Mode of Operation:** Network Address Translation (NAT), static routing
 - **IP Address Assignment:** Static IP address assignment, internal DHCP server on LAN, DHCP client on WAN
- **Management Features:**
 - **Administration Interface:** Web graphic user interface with protected user name and password
- **Protocol Support:**
 - **Network:** NAT traversal (VPN pass-through) for IPsec, PPTP and L2TP VPNs
 - **IP Addressing:** DHCP (client and server)
 - **VPN/Security:** IPsec, PPTP, L2TP pass-through
- **User Support:**
 - **Wireless LAN:** Up to 32 users
 - **Wired LAN:** Up to 253 users (less number of wireless users)
- **RFC Support:**
 - IPSec tunnel mode (RFC 2401)
 (pass-through mode), IP v.4
 - DHCP server (RFC 2131)
 - DHCP client (RFC 2131)
 - TFTP client (RFC 1350)
 - NAT (many-to-one) (RFC 1631)
 - IP control Protocol (RFC 1332)
- **Functions:**
 - Port Range Forwarding, Exposed Host (DMZ), DNS Proxy, URL Content Filtering, E-mail Alerts
- **Physical Specifications:**
 - **Dimensions:** 255 x 169 x 34 mm (10 x 6.7 x 1.3 in.)
 - **Weight:** 0.6 kg (1.3 lb)
- **Environmental Specifications:**
 - **Operating temperature:** 0° to 40° C (32° to 104° F)
 - **Operating humidity:** 90% maximum relative humidity, noncondensing
- **Warranty:**
 - 3 years
- **Package Contents**
 - CG814M Wireless Cable Modem Gateway
 - Power adapter
 - 3m (10 ft.) Ethernet cable
 - USB cable
 - Installation guide
 - Resource CD
 - Warranty card
 - Support information card
- **System Requirements**
 - Cable Internet service
 - Ethernet connection (adapter and cable) for each PC or USB connection
 - TCP/IP Networking software (Windows® 95, 98, Me, NT, 2000, XP, NetWare, UNIX, Linux®)
 - Windows 95, 98, Me, NT, 2000, XP, Mac® OS, NetWare®, UNIX®, or Linux
 - Internet Explorer 5.0 or Netscape Navigator® 4.7 or higher
 - NETGEAR MA401 PC Card (for 802.11b wireless connectivity – sold separately)