



Motorola 2210-02

ADSL2+ Residential Gateway

**November 2007
Launch**

Motorola Confidential

Motorola 2210-02 ADSL2+ Residential Gateway



Target Customer

- **Ideal for any broadband service provider's entry-level product bundle**
- **Great for converting Dial-up customers to DSL**
- **Perfect solution for single PC households**
- **Low cost creates a great fit for college students in their dorms or apartments**

Key Benefits

- **Low cost**
- **Small size and light weight reduce shipping and warehousing costs**
- **Stands either horizontally or vertically**
- **ADSL2/2+ for high speed Internet access**
- **Common Embedded Software platform**
- **CD-less installation with any TR-069 ACS**
- **TR-069 remote management and support**
- **DSL Forum TR-068 compliant design**
- **Integrated PPPoE client**
- **Can later serve perfectly as a bridge to multi-service routers within the premises**
- **Motorola Brand**

Motorola 2210-02 ADSL2+ Residential Gateway



Physical Interfaces

WAN Ports: 1 ADSL2/2+ RJ-11

LAN Ports: 1 10/100 Mbps Ethernet RJ-45 with auto-MDIX crossover

LEDs: 4 multi-state LEDs for: Power, Ethernet, DSL, and Internet

Form Factors

Size (L x W x H): 4.4" x 3.4" x 1.2" / 112 mm x 86mm x 30mm

Weight: 0.9 lbs / 408g

Built-in wall mounting keyholes

2210-02 Support for Advanced Multi-Play Broadband Services



Home Networking and Multi-Play Services

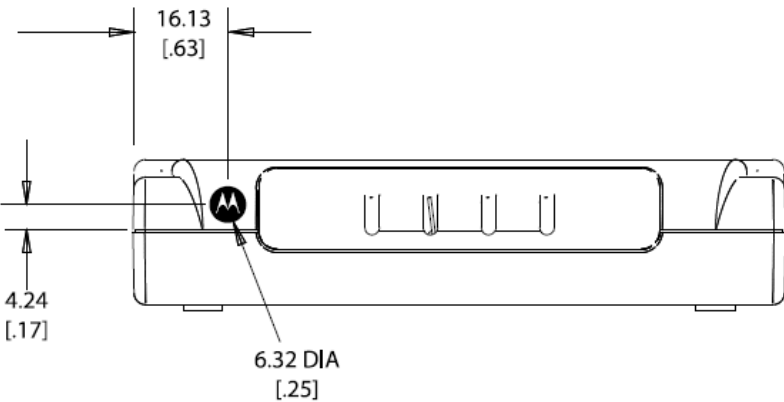
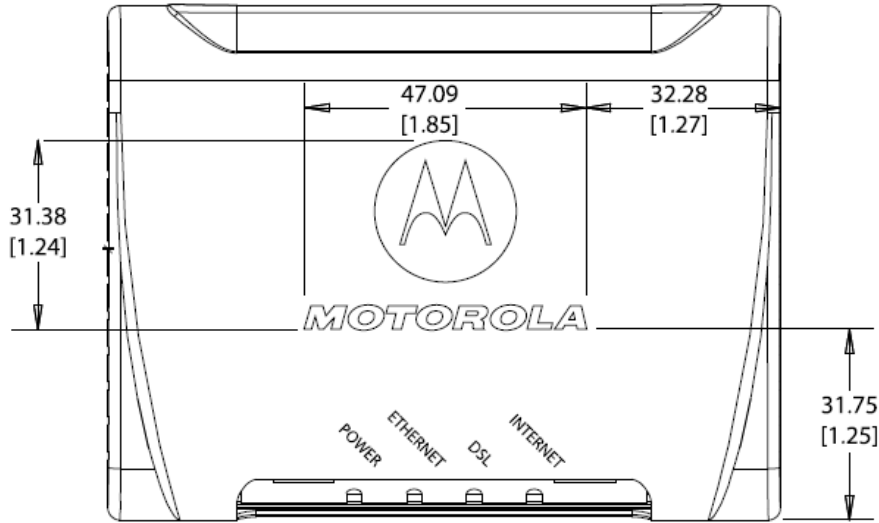
- ✓ IGMP v1, v3, v3 multicast support
 - ✓ IGMP Proxy
 - ✓ Fast Join/Leave
 - ✓ IGMP Snooping
- ✓ UPnP
- ✓ Network Address Port Translation (NAPT)
- ✓ Diffserv
- ✓ Advanced QoS features



Security and Telecommuting

- ✓ Integrated Stateful Firewall
- ✓ Denial of Service protection
- ✓ 2 Level Password Protected Access
- ✓ VPN pass-through for PPTP, L2TP, and IPsec
- ✓ Remote access / management support

2210-02 Product Branding



MOTOROLA

12VDC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) this device may not cause harmful interference, and
 (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with FCC part 68 rules.
 FCC Registration number US:6EDDL01B2241.

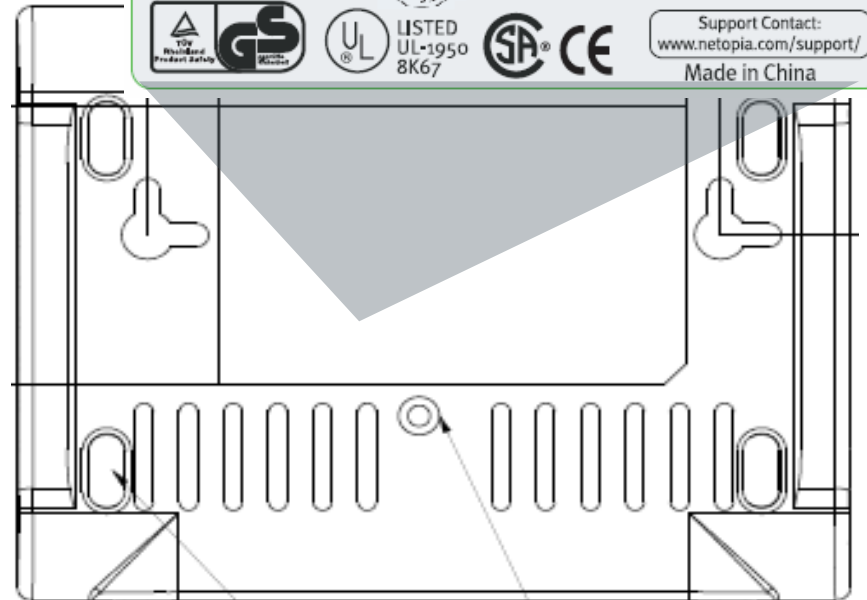
This class B digital apparatus meets all requirements of the Canadian Interference-causing equipment regulations.
 Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

FC Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

UL LISTED UL-1950 8K67

SA CE

Support Contact:
www.netopia.com/support/
 Made in China



2210-02 – Contents & Packaging



Contents & Packaging

Quantity	Description
1	2210 Motorola Branded Modem
1	Poly Bag for the modem
1	Quick Start Guide
1	CD with Warranty Information and Wizard
1	Wall Mounting Template with screw specifications
1	RJ-11 Grey Cable
1	RJ-45 Yellow Cable
1	Switching Power Supply + Labels and Box
	Pre-Loaded Firmware and Generic SKU bit (English, French, German, Italian, Spanish, Portuguese)

2210-02 Technical Specifications



ADSL Support

- ANSI T1.413 Issue 2
- ITU 992.1 (ADSL), 992.3 (ADSL2), 992.5 (ADSL2+)
 - ITU G.992.3 and G.992.5 Annex L (RE-ADSL2/2+)
 - ITU G.992.3 Amendment 1 and 2 and G.992.5 Amendment 2
- Annex A and B Support
- Annex M Support
- DSL Forum TR-067 and TR-101 Support

Network Protocol Support

- ATM Adaptation Layer 5 (AAL5)
 - 8 Permanent Virtual Circuits (PVCs)
 - UBR, CBR, VBRnrt, VBRrt
 - ITU-T I.610 (F4, F5) OAM
- RFC 2516 PPP over Ethernet (PPPoE)
- RFC 2364 PPP over ATM (PPPoA)
- RFC 1483/2684 Bridged Ethernet
- RFC 1483/2684 Routed IP
- DSL Forum TR-101 Support
- IEEE 802.1Q VLAN Support
- PPP Support: PAP, CHAP, IPCP, LCP
- IPoE Support
- DHCP Client, Server and Relay
 - DHCP Option Support and Filter Rules
- DNS Name Server Support; Dynamic DNS

Device Management

- Remote Management
 - DSL Forum TR-069, TR-104
 - Web UI (HTTP) and CLI (Telnet)
- Local Management
 - DSL Forum TR-064
 - UPnP
 - Web UI (HTTP) and CLI (Telnet)
- Statistic and Log Reporting, Remote Syslog Support
- 7-Layer Diagnostics
- Utilities: Ping, Traceroute, Reverse DNS

Packet Forwarding

- Bridge/Router Support
 - IPv4
 - Static Routes
 - RIP1 and RIP2
- TCP, UDP, ARP and ICMP Support
- Network Address Port Translation (NAPT)
 - NAT pass-through Pinhole Support
 - Application Level Gateway (ALG) support
- Diffserv (Differentiated Services)
 - EF, AF, BE, NC Support
 - Weighted Fair Queuing
- IGMP V1, V2, V3 Support
 - IGMP Proxy
 - Fast Join/Leave
 - IGMP Snooping