



Features

- IP filtering
- SPI (Stateful Packet Inspection)
- DoS protection
- Static route
- Dynamic IP assignment
- NAT/PAT
- IGMP Proxy
- DHCP Server/Relay/Client
- DNS Proxy
- Auto PVC configuration
- Up to 4 VCs
- Web-based management Remote configuration and upgrade
- Configuration backup and restoration
- FTP/TFTP server
- Ethernet only model available (no USB)
- OEM Custom Firmware Available
- OEM Custom Branding & Packaging

Description

The Mitron MD1U ADSL2+ compact & high performance modem router provides one 10/100 ethernet interface and one USB interface offering ADSL2+ connectivity at speeds of up to 24 Mbps. The MD1U also has full routing capabilities to segment/route IP protocol and supports advanced security functions.

Featuring inbuilt Firewall with Stateful Packet Inspection & NAT Translation, the MD1U offers industry standard security.

Compatibility and reliability by using Broadcom chipset. A range of provisioning options including optional TR-69 protocol or custom APS solutions.



ADSL2+



FIREWALL



USB



BROADCOM



ETHERNET



WARRANTY

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Specifications

Rear Panel

RJ-11 X1 for ADSL, RJ-45 X 1 for LAN, USB X 1 for LAN, Reset Button X 1, Power switch X 1

ADSL

Standard ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2

G.992.5 (ADSL2+) Downstream : 24 Mbps Upstream : 1.3 Mbps

G.992.3 (ADSL2) Downstream : 12 Mbps Upstream : 1.3 Mbps

G.DMT Downstream: 8 Mbps Upstream: 832 Kbps

Ethernet

Standard IEEE 802.3, IEEE 802.3u

10/100 BaseT Auto-sense

MDI/MDIX Yes

ATM Attributes

RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)

Support PVCs 4

AAL type AAL5

ATM service class UBR/CBR/VBR

ATM UNI support UNI3.1/4.0

OAM F4/F5 Yes

Management

SNMP, Telnet, Web-based management, Configuration backup and restoration

Software upgrade via HTTP, TFTP server, or FTP server

Bridge Functions

Transparent bridging and learning IEEE 802.1d

Spanning Tree Algorithm Yes

IGMP Proxy Yes

Routing Functions

Static route, NAT/PAT, DHCP Server/DHCP Relay, DNS Proxy, ARP

Security Functions

Authentication protocols PAP, CHAP,

TCP/IP/Port filtering rules, Port triggering/Forwarding, Packet and MAC address filtering, access control,

Application Passthrough

PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply

External power adapter 110 Vac or 220 Vac 18 Vac 500 mA

Environment Condition

Operating temperature 0 ~ 50 degrees Celsius

Relative humidity 5 ~ 90% (non-condensing)

Dimensions

914 mm (W) x 32 mm (H) x 92 mm (D)

Certifications

FCC Part 15 class B, FCC Part 68, CE

Note: Specifications are subject to change without notice.