



Advantage Series Dual Interface ADSL Router/Bridge with Built-in Splitter

WTM 4152: Ethernet/USB ADSL Router/Bridge



The Advantage Dual Interface ADSL Router/Bridge is easy to install and configure for Internet access. Configuration can be performed upon connection to the Internet, reducing deployment costs for service providers while facilitating end-user installation. Requires only one static or dynamic IP from your ISP to serve multiple users on your LAN via DHCP.

Dual Interface ADSL Router/Bridge has the advantage of connecting either a USB or ethernet or two PCs at the same time.

Built-in PPPoE and PPPoA clients eliminate the need to install any client software to surf the Internet. Built-in configurable firewall provides online security. The IP address of the PC on the LAN are hidden from the Internet, providing a simple and effective network security solution. Multiple PCs can share a single external IP address while making them invisible to the Internet.

The Advantage provides 8 Mbps downstream, 1 Mbps upstream. It can transmit a maximum of 18,000 feet between the distance of the CO equipment and subscriber terminal. Supports standard compliance G.DMT, G.LITE Annex -A and ANSI T1.413 Issue 2. Interoperability ensures compatibility with various DSLAMs.

Easy, reliable and secure, Advantage Dual Interface ADSL Router/Bridge is the perfect solution in meeting all your network and broadband needs.

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TECHINICAL SPECIFICATIONS

Standard Compliance and Line Speed

- T1.413 Issue 2 and ITU G.DMT (G.992.1) standard Annex A
- Splitterless ITU G.Lite (G.992.2)
- Transmission Rate:
Downstream Max. up to 8 Mbps
Upstream Max. 1 Mbps

Security

- PAP, CHAP authentication protocols
- Password Authentication
- IP packet filtering firewall
- L2TP and PPTP Support

Management

- Protocol Support: SNMP v1, HTTP, TELNET
- Supports of Standard MIBs: MIB-II, ATOM-like MIB, PPP MIB, Bridge MIB
- Support for field upgrade
- Extensive Diagnostics at various levels:
 - IP ping
 - Trace Route
 - ATM loop back
- Support for alarms of various severity levels
- On board log of alarms
- Comprehensive trace and debug information (local/remote)
- Web interface for end user

Regulatory Approvals:

FCC Part 68 and FCC part 15, Class B approved

*To the Internet World
with an Advantage!*

DATA PROTOCOL SUPPORT

Network Protocol: IP routing

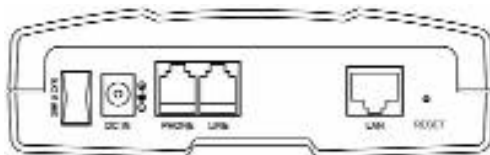
- CAC, VC Manager
- OAM (F5) cell support
- Signaling-UNI4.0
- HTTP server

Bridging Mode

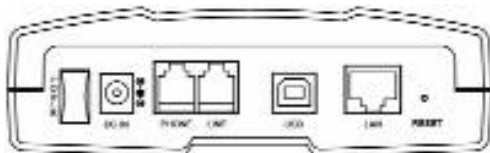
- Up to 1000 hosts
- ATM Adaptation Layer (AAL) processing (AAL5)
- Transparent bridging with spanning tree algorithm
- Multi-Protocol Encapsulation (RFC2684)-Bridged

Routing Mode

- Up to 1024 NAT translation sessions
- Multiple users with a user supplied Ethernet hub
- Dynamic Host Control Protocol
- DNS Relay Implementation
- Rich Networking Protocol Support: IP, ICMP, ARP, UDP, TCP, TFTP, BOOTP, NAT, DHCP, PPP, L2TP, PPPoE, PPPoA, FTP, RIP
- Integrated Firewall: IP Filtering, Raw Filtering
- PPP over ATM (RFC 2364) (w/ PAP & CHAP and header compression)
- PPP over Ethernet
- L2TP over ATM
- Multi-Protocol Encapsulation (RFC2684) – Routed
- Simultaneous bridging and routing; bridged IP
- FTP, SNMP, ICMP, H.323, Quake, MRC, ICQ, CUSeeMe



WTM 4151 ETHERNET



WTM 4152 ETHERNET/USB



LED Indicators

- POWER LED: Indicates power status
- DIAG LED: Indicates power-up diagnostics
- LAN LED: Indicates the 10/100Base T connection between ADSL modem and PC/LAN
- LINK LED: Indicates ADSL connection between DSLAM and ADSL modem
- ACT LED: Indicates presence of ADSL data activity on ADSL modem

Dimension, Power, Environmental

- Dimension: L: 7.5 in. (190mm)
W: 5.7 in. (142mm)
H: 1.6 in. (40mm)
- Power Requirements
- 120 VAC nominal 60Hz
- Environment (Specification)
 - Storage Temperature: -20° C to 70° C
 - Operating Temperature: 0° C to 40° C
 - Humidity: 0%~90% RH (Non-condensing)

Physical Interface

- Power: DC power jack
- ADSL Line: 6-pin modular jack (RJ11)
- Phone Line: 6-pin modular jack (RJ11) with Built-in micro filter for voice
- PC connection: 10/100 Base T Ethernet 8-pin modular jack (RJ45)
- USB: Standard USB jack

Ordering Information

WTM4152: Dual Interface Ethernet/USB
ADSL Router/Bridge

Available in Black and White