

ADSL2+ Wireless G 4-Port Modem Router

RTA1025WV6



KEY FEATURES

- Ⓧ Fully featured ADSL2+ Broadband Modem for super fast Internet access
- Ⓧ Four Ethernet ports for multiple wired connections
- Ⓧ Wireless G Access Point
- Ⓧ Built in Firewall for security and peace of mind
- Ⓧ VPN Passthrough
- Ⓧ Supports ADSL, ADSL2 and ADSL2+
- Ⓧ UPnP™ and QoS
- Ⓧ Simple Web based setup and configuration
- Ⓧ IPv6 ready

ADSL2+ Wireless G 4-Port Modem Router



The Dynalink RTA1025WV6 ADSL2+ Wireless G 4-Port Modem Router is an ADSL2/2+ compatible router/modem/switch with a built in wireless access point, providing wireless internet and file sharing between multiple computers.

Watching movies, downloading music and online gaming becomes second nature with this fully featured device. Capable of delivering high-speed internet access of up to 24Mbps* this modem is perfect for bandwidth intensive activities. Included in its long list of features is an IP packet filtering firewall, WEP, WPA and WPA2 wireless encryption.

Four Ethernet ports are available for connecting to/creating a network, along with Wireless G. The Modem Router is also Windows 7 compatible, and is perfect if you're looking for a product that will work with the new OS.

The RTA1025WV6 Modem Router is IPv6 ready. Future proof yourself by making sure your device will support the new protocol when the Internet switches to IPv6 addresses.

* Please note that actual speeds may differ and are dependent on your ISP

TECHNICAL SPECIFICATIONS

ADSL COMPLIANCE

ADSL

- ANSI T1.413 Issue 2
- ITU G.992.1 Annex A (G.dmt)
- ITU G.992.2 Annex A (G.lite)
- ITU G.994.1 (G.hs)
- Support dying gasp
- Maximum Rate: 8 Mbps downstream and 1 Mbps upstream

ADSL2

- ITU G.992.3
- ITU G.992.4
- Maximum Rate: 12 Mbps downstream and 1 Mbps upstream

ADSL2+

- ITU G.992.5
- ITU G.992.5 Annex M
- Maximum Rate: 24 Mbps downstream and 1.2 Mbps upstream

ATM

- PPPoA (RFC 2364) and PPPoA Bridged mode
- PPPoE (RFC 2516) and PPPoE Bridged mode
- IPoA (RFC 2225)
- Bridged mode over AAL5 (RFC2684/1483)
- ATM Forum UNI 3.1 / 4.0 compliant PVCs
- UBR and CBR with traffic shaping
- OAM F4/F5 loopback cells

BRIDGING

- IEEE 802.1d self-learning bridge
- Learning up to 4096 MAC addresses
- Transparent Bridging between 10/100 Mb Ethernet and USB

ROUTING

- NAT / PAT allows multiple users to share Internet access
- UPnP IGD with NAT traversal capability
- Port Forwarding: users can setup multiple virtual servers (e.g., Web, FTP, Mail servers) on the local network.
- Static routing & dynamic routing RIPv1/v2
- DNS Relay, Dynamic DNS

• DHCP Client/Relay/Server

- IGMP Proxy
- Support IP/Bridge QoS for different traffic classes
- Support reservation of bandwidth to guarantee voice quality of VoIP applications.

SECURITY

- PAP, CHAP, and MS-CHAP for PPP authentication
- Firewall based on incoming & outgoing filtering of IP address/Port number/Protocol type
- Ping blocking from WAN
- DMZ hosting

SUPPORTED APPLICATIONS

- Application Level Gateways preset for Auth/Ident, DNS, FTP, PPTP, IPSEC, POP3, SMTP, SSH, TELNET, TFTP & WEB servers. Multiple Virtual Servers can be setup in local network.
- Multiple VPN passthrough sessions
- NetMeeting, MSN Messenger, FTP, Quick Time, mIRC, Real Player, CuSeeMe, online gaming.
- TR-069 Support
- PVC Port Mapping

CONFIGURATION AND MANAGEMENT

- Embedded web configuration interface with password protection
- Remote management control
- Telnet session for local or remote management
- System events logging
- DSL connection diagnostics
- Firmware upgrade via web browser
- User setting backup & restore

HARDWARE INTERFACE

- One RJ-11 port for ADSL connection
- IEEE 802.11g and 802.11b Wireless LAN interface
- Four Ethernet ports for IEEE 802.3/802.3u 10/100 Base-T auto-sensing, auto cross-over
- One hidden reset button for restoring factory default settings

CHIPSET

- Main Chip: Broadcom BCM6333
- Wireless Chip: Broadcom BCM4312
- 4MB Flash/16MB SDRAM

WIRELESS LAN

- Supports IEEE 802.11g and 802.11b
- Data Rates: 54, 48, 36, 24, 18, 12, 9, 6 Mbps for 802.11g and 11, 5.5, 2, 1 Mbps for 802.11b
- Diversity antenna system: one external antenna and one internal antenna
- Maximum RF output power: 15dBm for 802.11g
- Coverage Area:
 - 802.11g: LOS (Outdoors): Max. 50 meters; Indoors: Max. 20 meters
 - 802.11b: LOS (Outdoors): Max. 180 meters; Indoors: Max. 60 meters
- Support WEP (Wired Equivalent Privacy) RC4 with 64-bit or 128-bit key length
- Support Access Control List, only registered WLAN clients are allowed
- Support 802.1x, WPA-PSK, WPA, WPA2 & Mixed WAP/WPA2. Support SSID stealthing
- Support repeater function to extend coverage (WDS)
- Support client isolation for wireless hotspot
- Support multiple SSID

LED

- WLAN, Ethernet 4, Ethernet 3, Ethernet 2, Ethernet 1, PPP, ADSL, Power

POWER SUPPLY

- External power adapter 12VDC/1.0A (output)

APPROVALS

- A-Tick N367, telepermit

ENVIRONMENTAL CONDITIONS

- Operating temperature 0 ~ 40°Celsius
- Relative humidity 20 ~ 90% (non-condensing)

DIMENSIONS

- 190 mm (W) x 30 mm (H) x 150 mm (D)
- Weight: 315g

NetComm® Dynalink

NETCOMM LIMITED PO Box 1200, Lane Cove NSW 2066 Australia
 P: 02 9424 2070 F: 02 9424 2010 E: sales@netcomm.com.au
 W: www.netcomm.com.au
 ABN 85 002 490 486

DYNALINK
 Head Office – 12c Te Kea Place, Albany Auckland, New Zealand
 P: +64 9 448 5548 F: +64 9 448 5549 E: sales@dynamlink.co.nz
 W: www.dynamlink.co.nz