



## ADSL2+ Bridge/Router;RDS -100

### Overview

**RDS100** Ethernet USB Combo Bridge/Router Modem fully complies with ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) ADSL standard. The product also supports future proof functionality with higher data transmission rates with ADSL2, ADSL2+, and Extended Reach-ADSL support. Targeted at the SOHO & enterprise users, it is for both the single user with Bridge mode with host based PPPoE Client or for multi users utilizing inbuilt PPPoE/A, IP routing, NAT functionality to share the ADSL link. It comes with Stateful Packet Inspection firewall and DMZ support for a full security options against malicious hackers.

### Key Features

- Full speed, Auto-sense ADSL routing ,bridging
- Up to 24Mbps downstream and up to 1024Kbps upstream data rate
- Maximum transmission range: 6.5 Km
- Friendly GUI for web configuration
- Compatible with virtually all standard Internet applications
- Support for up to 8 Permanent Virtual Circuits (PVCs)
- Support Port Mapping/ Forwarding and DMZ Host network
- NAT, IP filtering and Password Authentication to Modem
- VPN Pass-through support
- DHCP Server support
- Support TR 069 remote management
- Support Build-in PPPoE
- Web Based HTTP management GUI
- TFTP/FTP Support for Firmware Upgrade.
- Diagnostic Test (DSL, OAM, Network, Ping Test), Telnet/CLI (Read Only)
- Interfaces: One RJ11 ADSL line port ,One 10/100 Base-T RJ45 port, One USB 1.1 port & One power jack





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### Specifications

Model	RDS 100
<b>Hardware</b>	
Interfaces	RJ11 ADSL line port ,One 10/100 Base-T RJ45 port, One USB 1.1 port & One power jack
Operating Environment	Temperature: -5C ~ 50C; Relative Humidity: 10%~95% non-condensing
<b>Protocol &amp; Standards</b>	
WAN protocols	<ul style="list-style-type: none"> <li>PPP over ATM VC MUX(RFC 2364)</li> <li>PPP over ATM LLC/SNAP(RFC 2364)</li> <li>PPP over Ethernet VC/MUX(RFC 2516)</li> <li>PPP over Ethernet LLC/SNAP (RFC 2516)</li> <li>Ethernet over ATM Bridge/Router VC/MUX (RFC1483)</li> <li>Ethernet over ATM Bridge/Router LLC/SNAP (RFC1483)</li> <li>Classical IP over ATM (RFC1577)</li> </ul>
Network support	<ul style="list-style-type: none"> <li>Static IP, Dynamic RIP routing support, IP/TCP/UDP/ICMP/ARP/RARP Application Support</li> <li>DHCP Server/Relay/client</li> <li>DNS Relay Agent</li> <li>Single Session IP Sec and PPTP/L2TP VPN pass through support</li> <li>PPP Always on with configurable timeout / PPP Dial on Demand</li> </ul>
ADSL standards	<ul style="list-style-type: none"> <li>ITU-T G.992.1 (G.dmt)</li> <li>ITU-T G.992.2 (G.lite)</li> <li>ITU-T G.994 (G..hs)</li> <li>ANSI T1.413</li> <li>ITU-T G.992.3(ADSL2)</li> <li>ITU-T G.992.5(ADSL2+)</li> <li>Annex A (Annex B/C are optional)</li> </ul>

**Ordering Information: RDS100:** ADSL2+ supporting USB & Ethernet

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