



Four Ports Ethernet ADSL2+ Router



Model number: ART25GSU

General Descriptions

ART25GSU full rate ADSL2+ router is a full-featured ADSL router that provides high-speed Internet access and Ethernet direct connections to individual PCs or local area network with 10/100 Base-T Ethernet. ART25GSU uses advanced ADSL chipset solution with complete set of industry standard features for high-speed ADSL, ADSL2 and ADSL2+ Internet access. ART25GSU offers easy installation and cost-effective connection for SOHO and residential users. To benefit users' access to the Internet, 4-port 10/100Mbps Ethernet switch hub is equipped with this ADSL router. Also the feature-rich routing functions are seamlessly integrated to ADSL service for existing corporate or home users.

This product is made in ISO9001 approved factory and complies with FCC part15 regulations and CE approval.

Features and Benefits

- Full rate operation with up to 24 Mbps downstream data rate and up to 1 Mbps upstream data rate enables High-speed Internet access to ISP or corporate network
- Friendly GUI Configuration and Management
- Ongoing feature enhancements through FTP / TFTP (Web-based) download or upload of new firmware and configuration files
- Universal Plug and Play (UPnP)
- Provides ALGs to supports most major applications, such as FTP, SNMP, ICMP, H.323, L2TP, Quake, MRC, ICQ and CUSeeMe
- Support ZIPB (Zero Installation PPP Bridge) mode
- Supports full VPI range (8 bits, 0-255) and VCI range (16 bits, 1-65535) over PVC.
- Enables end-to-end ATM support, which allows traffic management and QoS.
- Built-in DHCP server automatically assigns IP addresses to all workstations on your LAN.
- All management and monitoring can be done through Telnet session.
- Auto negotiating rate adaptation.

Applications

- High-speed Internet access
- Video-On-Demand
- Telecommuting
- Distance learning
- E-Commerce
- On-line gaming
- Video conferencing

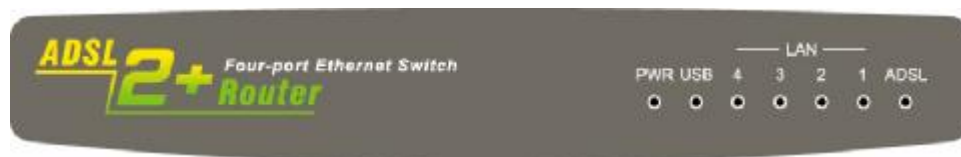
Specifications

Software	
ADSL Compliant	ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt) ITU-T G.992.2 (G.lite) G.994.1 (G.hs, Multimode) ITU-T G.992.3 (ADSL2 G.dmt.bis) ITU-T G.992.4 (ADSL2 G.lite.bis) ITU-T G.992.5 (ADSL2+) Reach Extended ADSL (RE ADSL)
ATM Protocols and Encapsulations	ATM Forum UNI 3.1/4.0 PVC Support up to 8PVCs Traffic Shaping UBR, CBR, VBR-nrt Multi Protocol over AAL5 (RFC1483 / 2684) Classical IP over ATM (RFC1577) RFC2516 (PPP over Ethernet) RFC2364 (PPP over ATM) VC and LLC multiplexing OAM F4 and F5 segment end-to-end loopback VPI is 0-255 and VCI is 1-65535
Bridging / Routing	Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1D) Supports up to 128 MAC learning address IP routing-RIPv2 (backward compatible with RIPv1) Static IP routing Routing: IP / UDP / TCP / ARP / RARP ICMP (Internet Control Message Protocol) IGMP (Internet Group Management Protocol) PAT (Port Address Translation)
IP Management	NAT (Network Address Translation): up to 1024 NAT translation sessions NAPT (Network Address and Port Translation) DHCP Server / Relay / Client DNS Proxy DDNS UPnP support
Security	PPP over PAP (Password Authentication Protocol; RFC1334) PPP over CHAP (Challenge Authentication Protocol; RFC1994) Packet Filtering / Bridge Filter

	Password Protected System Management Firewall
HTTP Web-based management	Web-based GUI Configuration / Management Command-line Interpreter (CLI) Telnet Remote Management Firmware upgrade via FTP / TFTP SNMP Support Built-in Diagnostic tool
Hardware	
Dimension	155mm(length) x 101mm (width) x 32mm (height)
Net weight	400g
Interface	One USB client compliant with USB v1.1, full speed (12Mbps) Four RJ45 ports compatible with IEEE 802.3/802.3u, 10/100Mbps auto selection One RJ11 port for ADSL connection One reset button for restoration of factory default setting
Supported OS	Windows 98, 98SE, ME, 2000, XP, MAC and Linux
Power Requirement	Power Adapter: Input 110 ± 10 or 230 ± 10 VAC, Output 9VAC 1000mA
Environmental	Operating temperature: $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ ambient Humidity: 5 % ~ 95 % (non-condensing) Storage temperature: $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Certification	FCC part 15, CE, LVD

Physical

I Front Panel: 7 LEDs



I Back Panel

