

ADSL2/+ Modem

High-Speed Internet Connection

- Up to 24Mbps Download Speed
- ADSL2/ADSL2+ Standard Compliance
- 10/100Mbps Ethernet & USB Interface to Host

FEATURES

High-Speed ADSL Access

- ADSL: G.992.1 G.dmt, G.992.2 G.lite, ANSI T1.413 Issue 2 (Full Rate DMT Over Analog POTS) Annex A
- ADSL2: G.992.3 (G.dmt.bis) Annex A
- ADSL2+: G.992.5 Annex A
- G.994.1 G.hs Auto-Negotiation of Different ADSL Flavors

Host Interface

- 10/100BASE-TX Ethernet Port With Auto MDI/MDIX
- USB Port

Easy Setup/Flexible Management

- Local/Remote Management Through Web-Based GUI or Telnnet
- Factory Reset Button
- TFTP Firmware Upgradeable

The DSL-322T ADSL2/+ modem is a high-speed broadband modem for home and office use. Featuring the latest ADSL2/+ standards, this modem provides speeds of up to 24Mbps downstream and 1Mbps upstream (ADSL2+), or 12Mbps downstream and 1Mbps upstream (ADSL2). The modem auto-senses the connection type and auto-negotiates the best modulation scheme, using the G.hs (handshake) protocol.

The DSL-322T modem support "always on" connections to eliminate dial-up wait time and busy signals. Web surfing and your e-mail are instantly available, any time. Like any ADSL modem, it lets you access the Internet using your existing phone lines, without interfering with your voice phone service. You can talk on the phone and surf the net at the same time. Along with instant connectivity, you can surf the Internet at very high speeds.

With high-speed connections (depending on the rate that you subscribe with your Internet service provider), you won't have to wait for downloads of graphic-intensive web pages. These speeds are also ideal for on-line audio/video streams, Internet games, VoIP phone communication applications and transfers of large files over the Internet.

The DSL-322T provides you the double advantage of 2 interfaces for host connections. You can connect this modem to your computer, router or another host through the provided 10/100BASE-TX Ethernet port. In addition, the modem also provides a USB port to let you connect to another computer. For Ethernet, the modem auto-senses the host's interface and auto-negotiates for highest available Ethernet speed.



Technical Specifications

Device Interfaces

- RJ-11 ADSL port
- RJ-45 10/100BASE-TX Ethernet port with auto MDI/MDIX
- USB 1.1 port
- Factory reset button

ADSL Standards

- ADSL standards: ANSI T1.413 Issue 2, ITU G.992.1 (G.dmt) Annex A, ITU G.992.2 (G.lite) Annex A
- ADSL2 standards: ITU G.992.3 (G.dmt.bis) Annex A, ITU G.992.4 (G.lite.bis) Annex A
- ADSL2+ standard: ITU G.992.5 Annex A
- Auto-handshake: ITU G.994.1 (G.hs)

ADSL Data Rates

- G.dmt: 8Mbps downstream, 832Kbps upstream
- G.lite: 1.5Mbps downstream, 512Kbps upstream
- ADSL2: 12Mbps downstream, 1Mbps upstream
- ADSL2+: 24Mbps downstream, 1Mbps upstream

ATM & PPP Protocols

- ATM Adaptation Layer Type 5 (AAL5)
- Bridged or routed Ethernet encapsulation
- VC and LLC based multiplexing
- PPP over Ethernet (PPPoE)
- PPP over ATM (RFC 2364)
- Classical IP over ATM (RFC 1577)
- OAM F4/F5

Management/Configuration

- Web-based GUI for remote/local management
- Telnet server for remote/local management
- TFTP firmware upgrade

Diagnostic LEDs

- Power
- Status
- ADSL Link/Activity
- Ethernet Link/Activity
- USB

Physical & Environmental

Power Input

Through 9VAC 1A external power adapter

Power Consumption

9 watts (max.)

Dimensions

142 x 108 x 31 mm

Operating Temperature

0° to 40°C

Storage Temperature

-20° to 70 °C

Operating Humidity

5% to 95% non-condensing

Emission

- FCC Part 15 Class B
- IC
- CE (EN55022/EN55024/EN300 328/EN301 489)

Safety

- CSA
- LVD



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