

# ADSL/ADSL-2\* Router with 4 Ethernet Ports

DSL-504T

**150X Faster  
Than Analog  
Modems!**



- Built-in ADSL Modem with IP Router
- Built-in 4-Port 10/100Mbps Switch
- Supports All Major ISPs
- 3 Year Warranty

## ADSL Router Modem



The DSL-504T is an ADSL Router designed for the small office and home. This router lets you quickly and easily connect to highspeed broadband Internet and share your ADSL line.

With a built-in ADSL interface, a 4-Port 10/100BASE-TX Ethernet switch and advanced router functions, this device gives your business and home a convenient and cost-effective way to install a secure, fast network with bottleneck-free link to the outside world.

With this router, you can easily connect to your ADSL broadband line for Internet access in your office or at home. This device automatically creates an IP number and assigns for each user, simplifying everyone's logon operation.

The router provides NAT protection for your office and home users from any Internet intruders and hackers, plus VPN pass-through for extra security. It also blocks and redirects certain ports to limit the services that outside users can access your network. Virtual server mapping is used to re-task services to multiple servers.

This router can be set to allow separate FTP, Web, and Multiplayer game servers to share the same Internet-visible IP address while still protecting your servers and workstations from hackers.

The router supports constricted DMZ to redirect unknown packets to a dedicated server/PC behind the router, enabling a client (such as a Web server) to fully expose it to the Internet and ensure complete Internet application compatibility. This allows you to set up web sites and e-commerce business from your office while maintaining protection for the rest of your office LAN.

Firmware inside the DSL-504T can be upgraded to support new DSL standards, including ADSL2, ADSL2+ and reachextended ADSL2 (RE-ADSL2), providing better speeds, longer distance coverage, reduced power consumption while maintaining ADSL's always-on functionality. This allows you to take advantages of the higher speeds and functions when the new standards become available from your service provider, without changing your existing ADSL hardware or installation.



# ADSL Router Modem

## Software Features

### Data Rates (ADSL Standards)

- G.dmt, downstream: up to 8Mbps
- G.dmt, upstream: up to 1 Mbps
- G.lite, downstream: up to 1.5 Mbps
- G.lite, upstream: up to 512 Kbps

### Protocol Support

- Bridged Ethernet over ATM
- PPP over ATM
- Classical IP over ATM
- PPP over Ethernet

### Management

- Built-in SNMP-based MIBs
- TFTP and HTTP firmware upgrade
- Telnet support
- UPnP 1.0

### Configuration

- Web-based
- Install Wizard
- Configuration backup & restore

## Security Features

### Security

- VPN Support: PPTP/L2TP/IPSec pass-through
- Network Address/ Port Translation (NAPT)
- DoS (UDP/TCP), detection of known attacks
- ID password authentication

## Compliance Standards

### ADSL Standards

- ANSI T1.413 issue 2 (Full rate DMT analogue POTS)
- ITU G.992.1(G.dmt) Annex A
- ITU G.992.2(G.lite) Annex A
- ITU G.994.1(G.hs)
- IP1149 Issue 5
- NZ PTC 272 (Telepermit)

### Signaling

- ATM signaling: UNI 3.0, 3.1 and 4.0
- Precise ATM traffic shaping

## Warranty Details

- 3 Years from date of purchase (return to D-Link Head Office)

## Hardware Features

### LED Indicators

- Power
- Status
- ADSL Link/ Act
- Ethernet Link/ Act

### Interface

- ADSL: RJ-11 connector (to phone line)
- RJ45 - 4 X 10/100Mbps Fast Ethernet with auto MDI/MDIX

### Power Supply

- Output: 12VAC 1.2A
- Input: 240VAC 50Hz

### Dimensions

- 18 x 14.1 x 3 cm

### Weight

- 332 gms

## Ordering Information

- ADSL Router DSL-504T  
(ADSL Router With Built-in 4-Port Switch)

## Environmental

### Operating Temperature

- 0 to 40 deg C

### Storage Temperature

- -20 to 70 deg C

### Operating Humidity

- 5% - 95% non-condensing

### Emissions (EMI)

- FCC Class B
- CE Class B

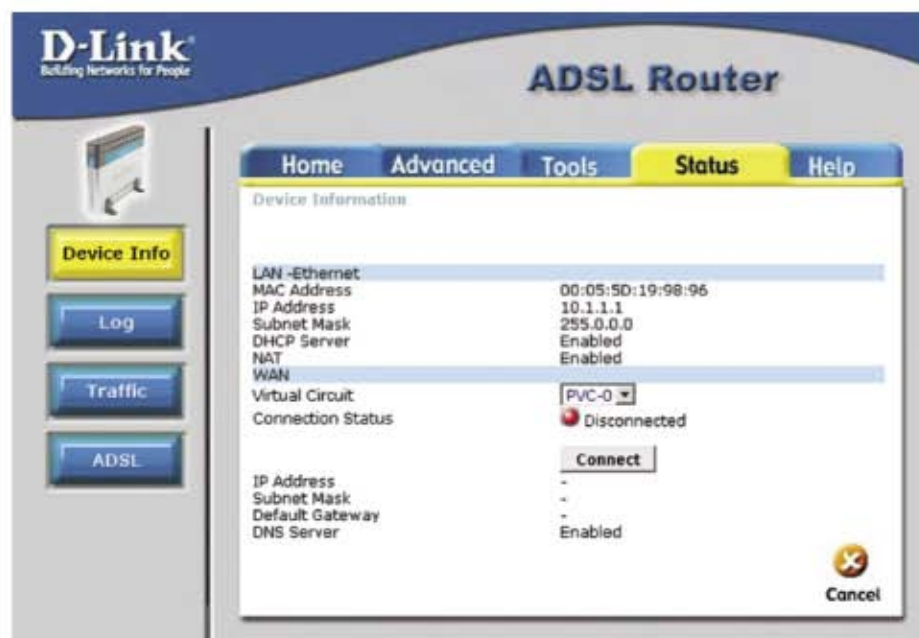
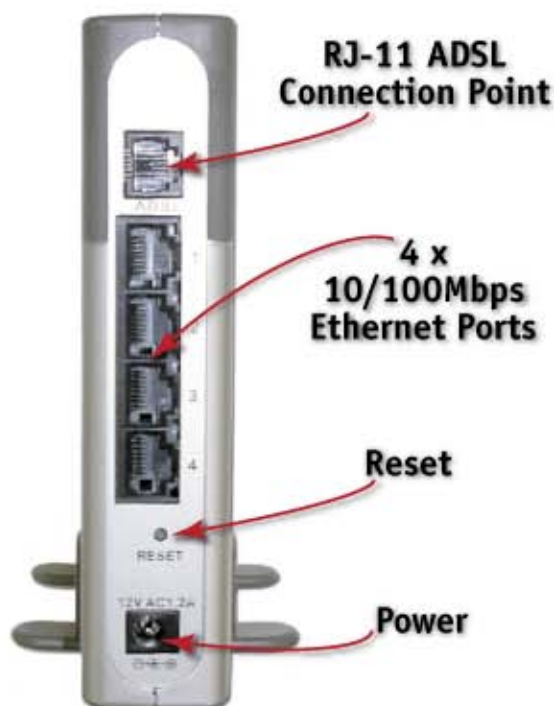
### Safety

- C-Tick Certified
- A-Tick Certified
- CSA International Mark

## Package Content

### DSL-504T ADSL Router

- CAT 5 RJ45 cable
- 12VAC 1.2A Power Pack
- CD Manual
- Quick install guide
- Telephone Cable



Configuration Utility makes it easy to quickly set up and configure the DSL-504T. It displays a wide array of management settings and tools.

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