


# DSL-504T Screenies


V1.00B01.NZ



Building Networks for People

## DSL-504T

ADSL Router



Wizard

WAN

LAN

DHCP


DNS

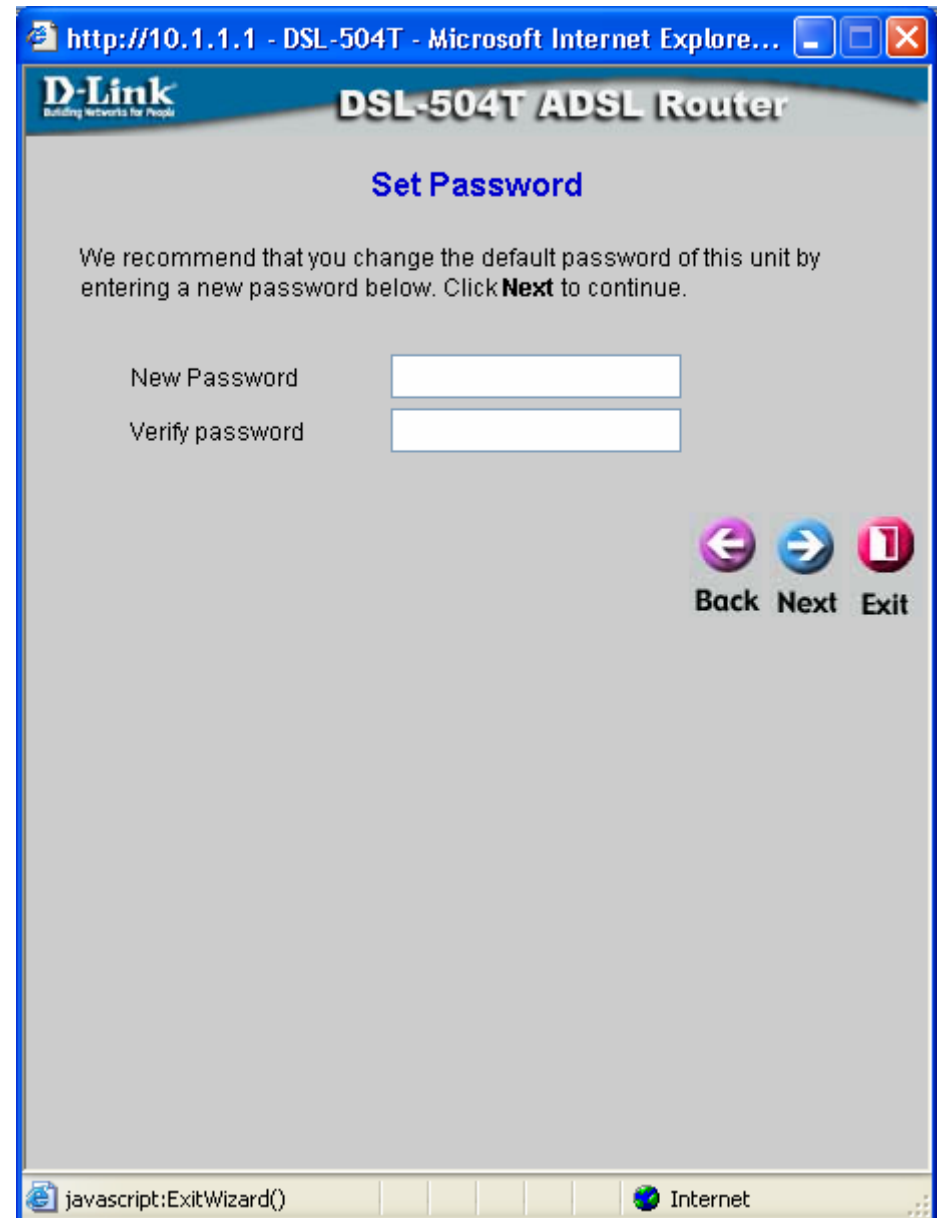
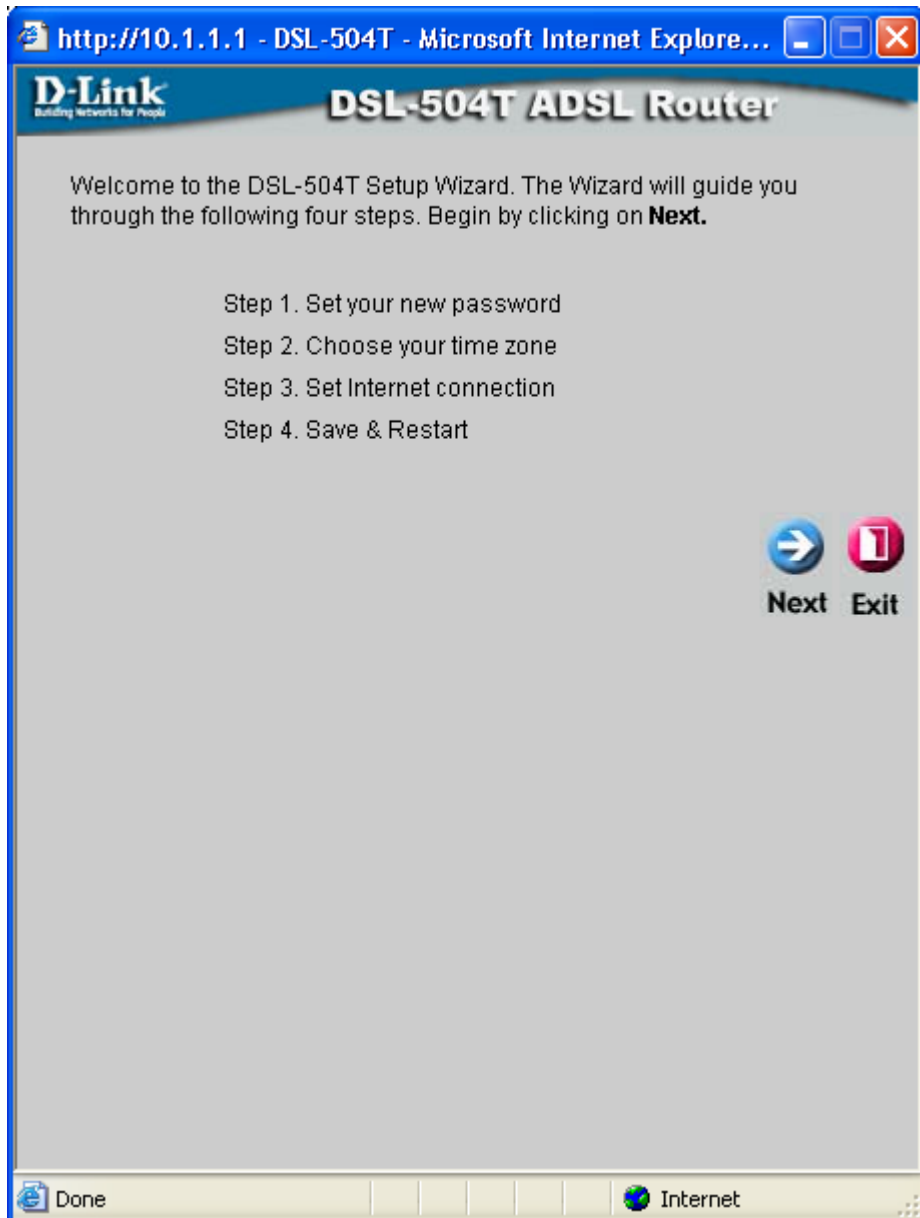
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### Setup Wizard

The DSL-504T is an ADSL Router ideal for home networking and small business networking. The setup wizard will guide you to configure the DSL-504T to connect to your ISP (Internet Service Provider). The DSL-504T's easy setup will allow you to have Internet access within minutes. Please follow the setup wizard step by step to configure the DSL-504T.

Run Wizard

 Help



http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...




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## DSL-504T ADSL Router

### Choose Time Zone

Select the appropriate time zone for your location and click **Next** to continue.

(GMT+10:00) Canberra,Melbourne,Sydney

    
Back Next Exit

javascript:uiSave() Internet

http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...

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## DSL-504T ADSL Router




### Set PPPoE / PPPoA

Enter the PPPoE/PPPoA information provided to you by your ISP. Click **Next** to continue.

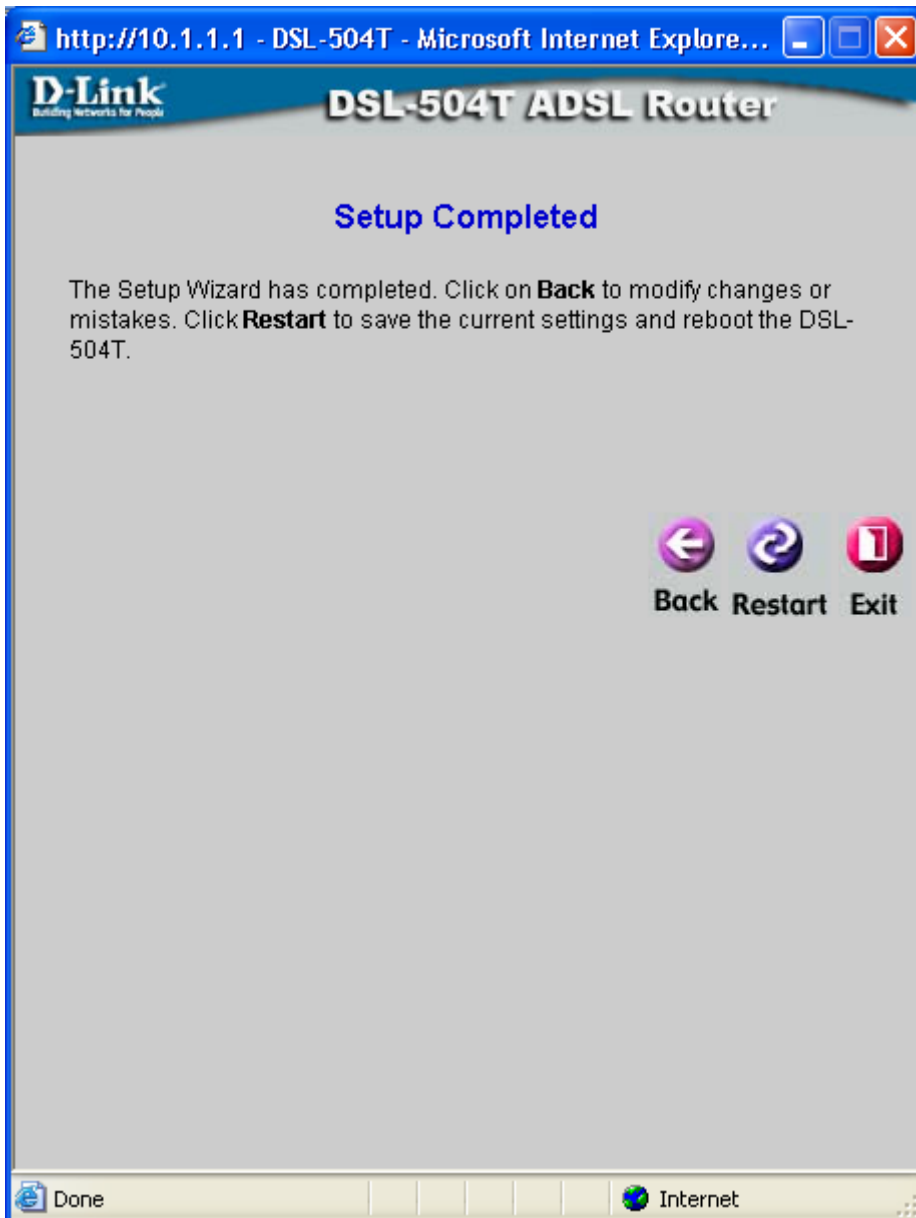
Connection Type

User Name

Password

    
Back Next Exit

Done Internet





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### WAN Settings

Please select the appropriate options to connect to your ISP.

- ☐ Static IP Address **Choose this option to set static IP information provided to you by your ISP.**
- ☒ PPPoE/PPPoA **Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)**
- ☐ Bridge Mode **Choose this option if your ISP uses Bridge Mode.**

### PPPoE/PPPoA

User Name	<input type="text" value="user@jetstreamg"/>
Password	<input type="password" value="..."/>
Connection Type	<input type="text" value="PPPoA VC-Mux"/> ▼
MRU	<input type="text" value="1492"/> bytes
Default Route	<input type="text" value="Enabled"/> ▼
Connection Status	 Disconnected
<input type="button" value="Connect"/>	

### ATM VC Setting

PVC	<input type="text" value="Pvc0"/> ▼
VPI	<input type="text" value="0"/>
VCI	<input type="text" value="100"/>
Virtual Circuit	<input type="text" value="Enabled"/> ▼



Apply



Cancel



Help



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### Management IP

These are the IP settings of the LAN interface for the DSL-504T. These setting may be referred to as Private settings. You may change the LAN IP address if needed.

IP Address

Subnet Mask



Apply



Cancel



Help



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### DHCP Settings

The device can be setup as a DHCP Server to distribute IP addresses to the LAN network.

☐ No DHCP

Choose this option. The IP address must be manually assigned at each device connected to DSL-504T.

☒ DHCP Server

Choose this option to setup as a DHCP server to distribute IP addresses to the LAN network.

☐ DHCP Relay

Choose this option to setup as a DHCP Relay to relay DHCP request to the target DHCP server.

### DHCP Server

Starting IP Address

10.1.1.2

Ending IP Address

10.1.1.254

Lease Time:

3600

Seconds



Apply



Cancel



Help

### DHCP Clients List

No DHCP Clients Available



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## DNS Configuration

The DNS Configuration allows the user to set the configuration of DNS relay.

DNS Relay Selection

Use Auto Discovered DNS Server Only  
Disable DNS Relay  
Use Auto Discovered DNS Server Only  
Use User Discovered DNS Server Only

**User Configuration:**

Preferred DNS Server

168.95.1.1

Alternate DNS Server



Apply



Cancel



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### UPnP

To enable UPnP, check Enable UPnP and then select a connection.

☒ Enable UPnP

Select	Available Connections
<input checked="" type="radio"/>	connection0
<input type="radio"/>	connection1
<input type="radio"/>	connection2
<input type="radio"/>	connection3
<input type="radio"/>	connection4
<input type="radio"/>	connection5
<input type="radio"/>	connection6
<input type="radio"/>	connection7



Apply



Cancel



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### Port Forwarding

Virtual Server is used to allow Internet users access to LAN services.

Rule Name

Private IP

Protocol

Port Start  Port End

Port Map



Apply



Cancel



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ID	Private IP	Protocol	Port Start	Port End	Port Map
----	------------	----------	------------	----------	----------



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### DMZ

DMZ (Demilitarized Zone) is used to allow a single computer on the LAN to be exposed to the Internet.

☐ Enabled ☒ Disabled

IP Address:



Apply



Cancel



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### Filters

Filters are used to allow or deny LAN or WAN users from accessing the internet or internal Network.

☒ Outbound Filter ☐ Inbound Filter

### IP Outbound Filter

Filters are used to allow or deny LAN users from accessing the internet.

Source IP	<input type="text"/>	~	<input type="text"/>	Any IP <input type="button" value="v"/>
Destination IP	<input type="text"/>	~	<input type="text"/>	Any IP <input type="button" value="v"/>
Source Port	<input type="text"/>	~	<input type="text"/>	Any Port <input type="button" value="v"/>
Destination Port	<input type="text"/>	~	<input type="text"/>	Any Port <input type="button" value="v"/>
Protocol	TCP <input type="button" value="v"/>			
Action	Allow <input type="button" value="v"/>			



Apply



Cancel



Help

ID	Source IP	Destination IP	Prot.	Act.	Enable
----	-----------	----------------	-------	------	--------



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### Filters

Filters are used to allow or deny LAN or WAN users from accessing the internet or internal Network.

☐ Outbound Filter ☒ Inbound Filter

### IP Inbound Filter

Allow or deny WAN IP address to the internal network.

Source IP	<input type="text"/>	~	<input type="text"/>	Any IP <input type="button" value="v"/>
Destination IP	<input type="text"/>	~	<input type="text"/>	Any IP <input type="button" value="v"/>
Source Port	<input type="text"/>	~	<input type="text"/>	Any Port <input type="button" value="v"/>
Destination Port	<input type="text"/>	~	<input type="text"/>	Any Port <input type="button" value="v"/>
Protocol	TCP <input type="button" value="v"/>			
Action	Allow <input type="button" value="v"/>			



Apply



Cancel



Help

ID	Source IP	Destination IP	Prot.	Act.	Enable
----	-----------	----------------	-------	------	--------





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## Firewall Configuration

### DoS Protection

DoS attacks can be checked based on your specific need.

State: ☒ Enabled ☐ Disabled

- ☒ SYN Flooding checking
- ☐ ICMP Redirection checking

### Port Scan Protection

Port Scan attacks can be checked based on your specific need.

State: ☒ Enabled ☐ Disabled

- ☒ NMAP FIN/URG/PSH attack
- ☒ Xmas Tree attack
- ☒ Null Scan attack
- ☒ SYN/RST attack
- ☒ SYN/FIN attack

### Service Filtering

The following services can be blocked based on your specific need.

- ☐ Ping from External Network
- ☒ Telnet from External Network
- ☒ FTP from External Network
- ☒ DNS from External Network
- ☒ IKE from External Network
- ☒ RIP from External Network
- ☒ DHCP from External Network



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## NAT

NAT (Network Address Translation) is used to share the Internet connection by more than one computer.

NAT

Enabled



Apply



Cancel



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PVC

Pvc0

Service Category

UBR

PCR

kbps

SCR

kbps

Connections

IGMP Proxy

☐ Disabled

☐ Enabled



Apply



Cancel



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### Routing Table

IP Routes are used to define gateways and hops used to route data traffic. Most users will not need to use this feature as the previous gateway and LAN IP settings on your host computers should be sufficient.

Destination

Netmask

☒ Gateway

☐ Connection



Apply



Cancel



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ID	Destination	Netmask	Gateway	Interface
----	-------------	---------	---------	-----------



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### RIP System Wide Configuration

RIP is an Internet protocol you can set up to share routing table information with other routing devices on your LAN, at your ISP's location, or on remote networks connected to your network via the ADSL line.

RIP

Protocol

Direction



Apply



Cancel



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### Remote Web Management

State ☐ Enabled ☒ Disabled

IP Address

Netmask

### Remote Telnet Management

State ☐ Enabled ☒ Disabled

IP Address

Netmask



Apply



Cancel



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### Administrator Settings

There is only one account that can access the DSL-504T's Web-Management interface.

Administrator (The Login Name is "admin")

New Password

Confirm Password



Apply



Cancel



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### Save Settings To Local Hard Drive

Save

### Load Settings From Local Hard Drive

Browse...

Load

Note: The system has to be restarted after the configuration is restored.

### Restore To Factory Default Settings

Restore



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## Time

Set the DSL-504T system time.

**Local Time** 06/02/2005 16:55:53

Synchronize the modem's clock with:

- ☐ Automatic (Simple Network Time Protocol)
- ☒ Your computer's clock
- ☐ Manual (Enter your own settings)

Date: Jun 02 2005

Time: 16 : 55 : 53

Time Zone: (GMT+10:00) Canberra, Melbourne, Sydney

Daylight Saving: ☐ Enabled ☒ Disabled



Apply



Cancel



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### Firmware Upgrade

There may be new firmware for your DSL-504T to improve functionality and performance. To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Apply button below to start the firmware upgrade.

Current Firmware Version : V1.00B01.NZ

Note: The system has to be restarted after the firmware upgrade.



Apply



Cancel



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### Ping Test

Ping IP Address

Ping

Ping Result :

### Diagnostic Test

The diagnostics feature executes a series of test of your system software and hardware connections. Use the feature when working with your ISP to troubleshoot problems.

Virtual Circuits :

This Page is used for performing diagnostics on the system.

#### Testing Connectivity to modem

Testing Ethernet LAN connection	PASS
---------------------------------	------

#### Testing ADSL Connection

Testing ADSL Synchronization	FAIL
------------------------------	------

#### Testing Circuit for Network Connection

Testing ATM OAM segment ping	SKIPPED
Testing ATM OAM end to end ping	SKIPPED
Testing PPPoE Connectivity	Disconnected
Validating assigned IP address	N/A

#### Testing Internet Connectivity

Ping Primary Domain Names Server	SKIPPED
Ping www.dlink.com.au	SKIPPED



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### Save and Reboot

Please note you will need to Save and Reboot the device for these changes to take effect.

**Force the DSL-504T to system restart.**





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Device Information

Firmware Version : V1.00B01.NZ

LAN

MAC Address	00:0d:08:00:03:02
IP Address	10.1.1.1
Subnet Mask	255.0.0.0
DHCP Server	Enabled
NAT	Enabled

WAN

Virtual Circuit	Pvc0 ▾
Status	Disconnected
Connection Type	pppoa
IP Address	N/A
Subnet Mask	N/A
Default Gateway	N/A
DNS Server	N/A



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### DHCP Clients

No DHCP Clients Available



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### View Log

View Log displays the activities occurring on the DSL-504T.

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Time	Message
Sep 8 12:00:06>	Valid Configuration Tree
Sep 8 12:00:11>	Firewall NAT service started
Aug 9 12:01:00>	Bridge Created: br0
Aug 9 12:01:00>	Bridge Interface Added: eth0
Aug 9 12:01:01>	pppd 2.4.1 started by root, uid 0
Aug 9 12:01:02>	DSL Carrier is down
Aug 9 12:02:41>	System Call Error
Aug 9 12:02:41>	Connecting PPPoE socket: 00:00:00:00:00:00 0000 0x1000d3b8



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### Traffic Statistics

Traffic Statistics display Receive and Transmit packets passing through the DSL-504T.

Choose an interface to view your network status:

☒ Ethernet

Display Receive and Transmit packages through Ethernet

☐ ADSL

Display Receive and Transmit packages through ADSL

Refresh



Help

#### Transmit

Good Tx Frames	1047
Good Tx Broadcast Frames	1
Good Tx Multicast Frames	0
Tx Total Bytes	513733
Collisions	0
Error Frames	0
Carrier Sense Errors	0

#### Receive

Good Rx Frames	6904
Good Rx Broadcast Frames	4200
Good Tx Multicast Frames	1062
Rx Total Bytes	1118676
CRC Errors	0
Undersized Frames	0
Overruns	0



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### ADSL Status

ADSL status shows the ADSL physical layer status.

ADSL Firmware Version: 4.01.00.00 - 1.01.00.00 - 1.01.00.00 Annex A - 01.06.06 - 0.49  
Line State Disconnected  
Modulation Multi-mode  
Annex Mode ANNEX\_A  
Max Tx Power -38 dBm/Hz

Item	Downstream	Upstream	Unit
SNR Margin	0	0	dB
Line Attenuation	0	0	dB
Data Rate	0	0	kbps



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