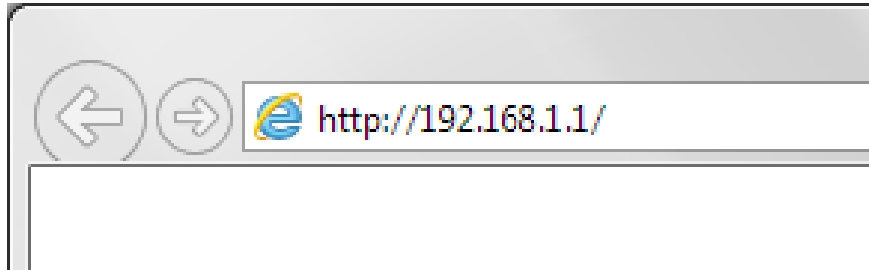


How to setup IPTV on DSL-2544N modem router

This document details how to setup your modem router for IPTV.

Please note: Accessing your modem's configuration pages does not require Internet connection as these pages are stored inside your modem. Your computer just needs to be connected to the modem.

1. Open your Internet browser e.g. Internet Explorer, Firefox, Chrome, Safari, etc. and enter the IP address of your D-Link modem in the **address bar**: `http://192.168.1.1`



2. When prompted type in the Username and Password then click on the “Log In” button.
If you have not changed the password for the modem administration, the factory settings are:

Username: admin

Password: admin

Product Page: DSL-2544N

Firmware Version: AU_1.10

D-Link

LOGIN

Welcome to DSL-2544N Web Management.

Username : admin ▼

Password :

Login

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If you cannot recall the password you assigned to your modem you will need to reset the modem to factory defaults by pressing the reset button for 10 seconds. Please note that this will revert all the settings in the modem to factory settings and you will have to reconfigure it with your Internet settings and Wireless security. Make sure you have your Internet account details (given by your Internet Provider) handy.

3. Click on SETUP > Internet Setup. In the DSL Setup section click on the 'Add' button:

Product Page: DSL-2544N Firmware Version: AU_1.10

D-Link

DSL-2544N // **SETUP** ADVANCED MAINTENANCE STATUS HELP

Wizard

Internet Setup

2.4G Wireless

5G Wireless

Local Network

IPv6 Network

Time and Date

Logout

INTERNET SETUP

Choose "Add", "Edit", or "Delete" to configure WAN interfaces.

Default GateWay Mode : ☒ Auto ☐ Manual

LAN Port 4 Operation : ☒ LAN Port ☐ WAN Port (NBN/UFB Mode)

DSL SETUP

	VPI/VCI	VLAN ID	ENCAP	Service Name	Protocol	State	Status	Default Gateway	3G/4G	Action
<input type="radio"/>	8/35	0	LLC	DSL_PPPOE_0_01	PPPoE	1		<input checked="" type="radio"/>	1	-

3G/4G WAN SETUP

You can configure 3G/4G USB Modem via USB port. And you device would be able to connect to Internet via 3G/4G USB Modem.

BROADBAND

Helpful Hints...

Choose "Add", "Edit", or "Delete" button to configure WAN interfaces.

You can manually choose one WAN Connection to be **Default Gateway**.

When the Protocol of WAN Connection is PPPOA or PPPOE and Dial-up mode is Manual, you can manually **Connect or Disconnect** this WAN Connection .

- For the ATM PVC Configuration select the following:

WAN Mode: DSL

Protocol: Bridging

Enable Service box: ticked.

VPI: 0

VCI: 35

(VPI and VCI values depend on your Internet Provider settings).

After that click on the Apply button.

Product Page: DSL-2544N Firmware Version: AU_1.10

D-Link

DSL-2544N // **SETUP** ADVANCED MAINTENANCE STATUS HELP

Wizard
Internet Setup
2.4G Wireless
5G Wireless
Local Network
IPv6 Network
Time and Date
Logout

INTERNET SETUP
This screen allows you to configure a WAN connection.

BASIC CONFIGURATION

Country: (Click to Select) ▼

WAN Mode: DSL ▼

Protocol: Bridging ▼

Enable Service: ☒

Service Name: DSL Bridging 0 3

802.1Q VLAN ID: 0 (0 = disable, 1 - 4094)

Priority: 0 (0 - 7)

WAN Service Type: Internet ▼

IP Protocol: IPv4 ▼

ATM CONFIGURATION

VPI: 0 (0-255)

VCI: 35 (32-65535)

Encapsulation Mode: LLC ▼

Service Category: UBR With PCR ▼

Peak Cell Rate: 0 (cells/s)

Sustainable Cell Rate: 0 (cells/s)

Maximum Burst Size: 0 (cells)

Apply Cancel

BROADBAND

Helpful Hints...
When configuring the router to access the Internet, be sure to choose the correct **Connection Type** from the list below.

Please take care when entering your **username** and **password** as these are case sensitive. The majority of connection issues are caused by incorrect **username** or **password** combinations.

[More...](#)

5. Your DSL SETUP configuration should now have two entries.

Product Page: DSL-2544N

Firmware Version: AU_1.10

D-Link

DSL-2544N

SETUP

ADVANCED

MAINTENANCE

STATUS

HELP

Wizard

Internet Setup

2.4G Wireless

5G Wireless

Local Network

IPv6 Network

Time and Date

Logout

INTERNET SETUP

Choose "Add", "Edit", or "Delete" to configure WAN interfaces.

Default GateWay Mode : ☒ Auto ☐ Manual

LAN Port 4 Operation : ☒ LAN Port ☐ WAN Port (NBN/UFB Mode)

Apply Cancel

DSL SETUP

	VPI/VCI	VLAN ID	ENCAP	Service Name	Protocol	State	Status	Default Gateway	3G/4G	Action
<input type="radio"/>	8/35	0	LLC	DSL_PPPOE_0_01	PPPoE	1		<input checked="" type="radio"/>	1	-
<input type="radio"/>	0/35	0	LLC	DSL_Bridging_0_3	Bridge	1		<input type="radio"/>	1	-

Add Edit Delete

3G/4G WAN SETUP

You can configure 3G/4G USB Modem via USB port. And you device would be able to connect to Internet via 3G/4G USB Modem.

3G/4G WAN Setup

Helpful Hints...

Choose "Add", "Edit", or "Delete" button to configure WAN interfaces.

You can manually choose one WAN Connection to be Default Gateway.

When the Protocol of WAN Connection is PPPoA or PPPoE and Dial-up mode is Manual, you can manually Connect or Disconnect this WAN Connection .

BROADBAND

- Click on ADVANCED > Network Tools and click on the “IGMP Snooping” button:

Product Page: DSL-2544N Firmware Version: AU_1.10

D-Link

DSL-2544N // **SETUP** **ADVANCED** MAINTENANCE STATUS HELP

2.4G Advanced Wireless

5G Advanced Wireless

ALG

Port Forwarding

DMZ

SAMBA

3G/4G WAN Configuration

Parental Control

Filtering Options

QoS

SP1/DoS Protection

DNS

Dynamic DNS

Storage Service

Network Tools

Routing

IP Tunnel

Logout

NETWORK TOOLS -- PORT MAPPING

Port Mapping supports multiple port to PVC and bridging groups. Each group will perform as an independent network.

Port Mapping

NETWORK TOOLS -- IGMP PROXY

Transmission of identical content, such as multimedia, from a source to a number of recipients.

IGMP Proxy

NETWORK TOOLS -- IGMP SNOOPING

Transmission of identical content, such as multimedia, from a source to a number of recipients.

IGMP Snooping

NETWORK TOOLS -- MLD CONFIGURATION

Transmission of identical content, such as multimedia, from a source to a number of recipients.

MLD Configuration

NETWORK TOOLS -- UPNP

Allows you to enable or disable UPnP.

Upnp

Helpful Hints...

In this screen , you can Choose "Port Mapping", "IGMP PROXY", "IGMP SNOOPING", "Static IGMP", "MLD Configuration", "Queue Config", "Quality of Service", "UPnP", "ADSL", "SNMP", or "TR-069" button to Enter the corresponding configuration .

- Tick the Enabled box and click on the Apply button:

DSL-2544N // **SETUP** **ADVANCED** MAINTENANCE STATUS HELP

2.4G Advanced Wireless

5G Advanced Wireless

ALG

Port Forwarding

DMZ

SAMBA

3G/4G WAN

IGMP

Transmission of identical content, such as multimedia, from a source to a number of recipients.

IGMP SETUP

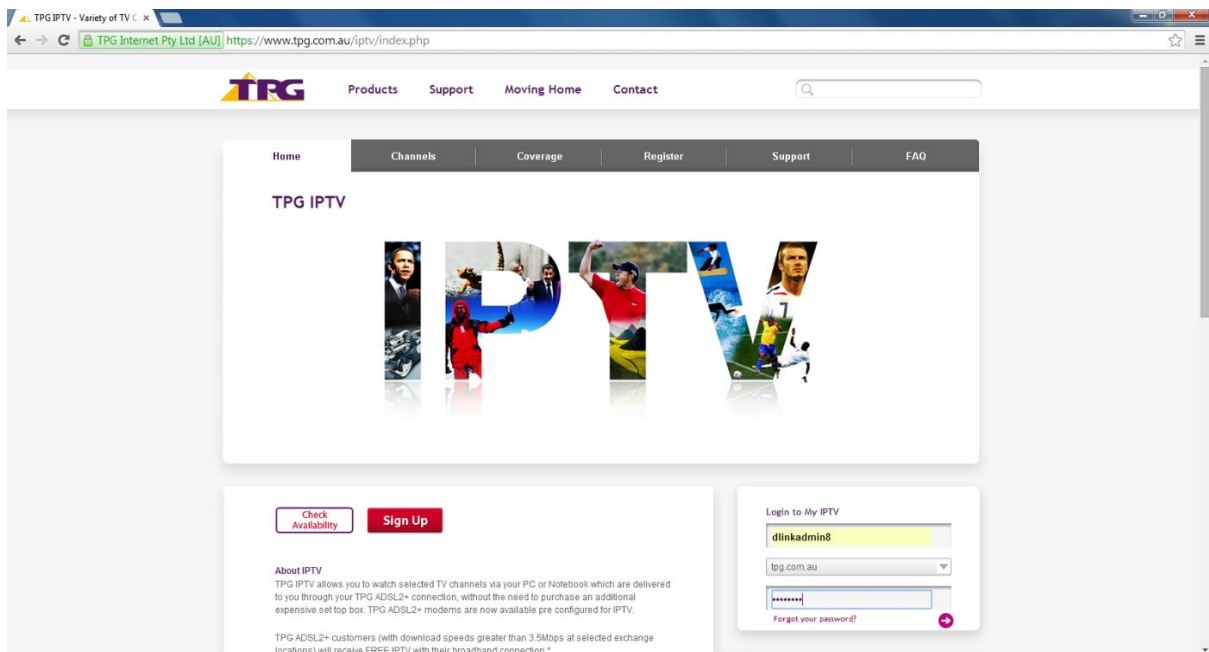
Enabled : ☒

Apply Cancel

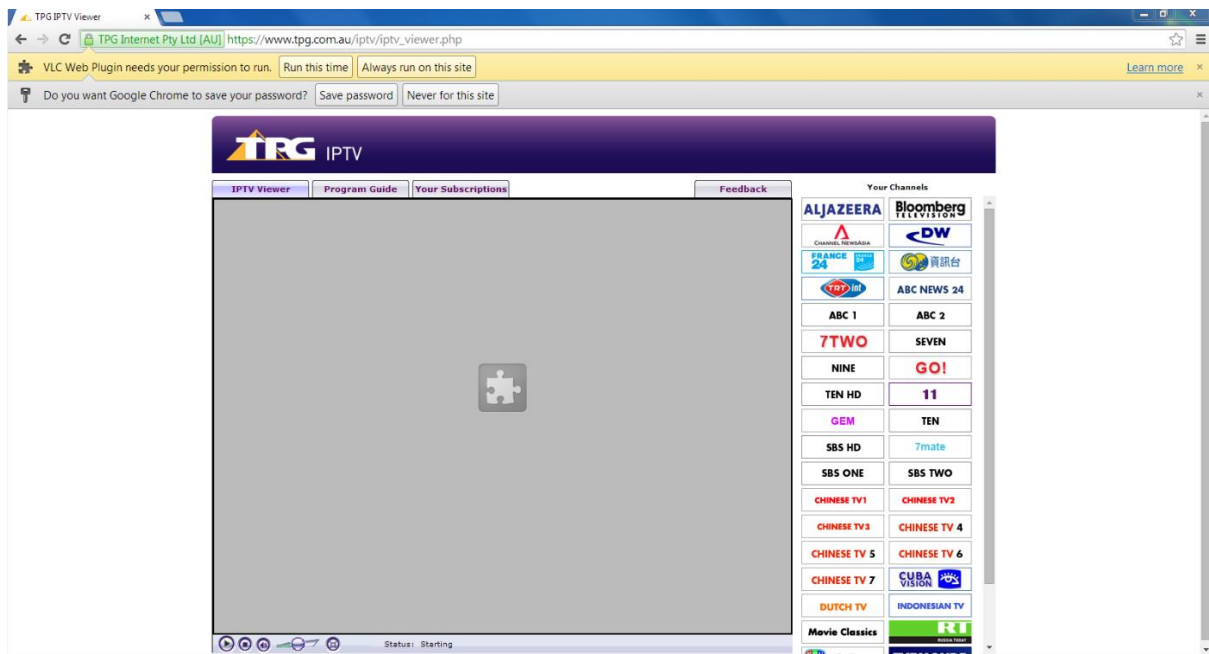
Helpful Hints...

With IGMP Snooping enabled, the device (L2 switch) can make intelligent multicast forwarding (only) toward those hosts, i.e. IPSTBs etc., which request to join (as members of) a specific multicast group, i.e. an IPTV channel etc., within the broadcast domain (same PVC/VLAN). As a result, it significantly reduces traffic flooding upon interfaces which are not registered as

To view the IPTV broadcast go to your provider's IPTV page.
E.g. for TPG the IPTV Page is <http://www.tpg.com.au/iptv>
Log into IPTV page with your provider login details.



Click the [Always run on this site] button for VLC Web Plugin.



Click one of the Channel list to view the IPTV broadcast:

The screenshot displays the TRG IPTV web interface. At the top, there is a purple header with the TRG IPTV logo. Below the header, a navigation bar contains links for "TPG Viewer", "Program Guide", "Your Subscriptions", and "Feedback". The main content area features a large video player showing a live broadcast of a woman with dark curly hair, wearing a red and black patterned top, speaking at a podium. The background of the video is a blue wall with "UMassAmherst" repeated. A news ticker at the bottom of the video reads: "POLICE FIRED MULTIPLE ROUNDS OF TEAR GAS ON PROTESTERS ON SUNDAY EVENING" and "PS RETAKE CONTROL OF THE MOSUL DAM AFTER A SERIES OF U.S. AIR ST". To the right of the video player is a "Your Channels" sidebar with a scrollable list of channel logos, including ALJAZEERA, Bloomberg Television, DW, FRANCE 24, TRT, ABC NEWS 24, ABC 1, ABC 2, 7TWO, SEVEN, NINE, GO!, TEN HD, 11, GEM, TEN, SBS HD, 7mate, SBS ONE, SBS TWO, CHINESE TV1, CHINESE TV2, CHINESE TV3, CHINESE TV 4, CHINESE TV 5, CHINESE TV 6, CHINESE TV 7, CUBA VISION, DUTCH TV, INDONESIAN TV, Movie Classics, and RI. At the bottom of the video player, there are playback controls and a "Status: Playing" indicator.