

## How to setup IPTV on DSL-2740B (Rev F1 & Firmware AU-2.02)

1. Login to the web configuration page. By default it is <http://192.168.1.1>
2. Enter in the Username and Password to login to your DSL-2740B.
3. Under SETUP > Internet Setup > Atm click on [Add] button

Product Page: DSL-2740B-F1 Site Map Firmware Version: AU\_2.02

**D-Link**

DSL-2740B // **SETUP** ADVANCED MAINTENANCE STATUS HELP

Wizard **WAN** Helpful Hints...

Internet Setup **Atm** Move to configure ADSL interfaces.

Wireless Settings Eth \_vpi\_vci

Local Network Wan Service

IPv6

Time and Date

Logout

**ADSL INTERFACE CONFIGURATION**

Interface	Vpi	Vci	DSL Latency	Category	Link Type	Connection Mode	QoS	Remove
atm0	8	35	Path0	UBR	EoA	DefaultMode	Disabled	<input type="checkbox"/>

**Add** Remove

**Helpful Hints...**  
When configuring the router to access the Internet, be sure to choose the correct **Connection Type** from the list below. If you are unsure of which option to choose, contact your **Internet Service Provider (ISP)**.  
If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.  
[More...](#)

4. VPI is 0 and VCI is 35  
DSL Link type select [EoA]  
Connection type select [MSC Mode] then click on [Apply/Save] button

**WAN**

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

**ATM PVC CONFIGURATION**

VPI: [0-255]

VCI: [32-65535]

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

EoA

PPPoA

IPoA

Encapsulation Mode: LLC/SNAP-BRIDGING

Service Category: UBR Without PCR

Select Connection Mode

Default Mode - Single service over one connection

VLAN MUX Mode - Multiple Vlan service over one connection

MSC Mode - Multiple Service over one Connection

Enable Quality Of Service

Enabling packet level QoS for a PVC improves performance for selected classes of applications. QoS cannot be set for CBR and Realtime VBR. QoS consumes system resources; therefore the number of PVCs will be reduced. Use **Advanced Setup/Quality of Service** to assign priorities for the applications.

Enable Quality Of Service.

Back **Apply/Save** Cancel

5. You will be able to see a new ADSL INTERFACE CONFIGURATION entry

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DSL-2740B // **SETUP** ADVANCED MAINTENANCE STATUS HELP

Wizard  
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**WAN**

Choose Add, or Remove to configure ADSL interfaces.

Parameter is (portId\_vpi\_vci)

**ADSL INTERFACE CONFIGURATION**

Interface	Vpi	Vci	DSL Latency	Category	Link Type	Connection Mode	QoS	Remove
atm0	8	35	Path0	UBR	EoA	DefaultMode	Disabled	<input type="checkbox"/>
atm1	0	35	Path0	UBR	EoA	MultipleServiceMode	Disabled	<input type="checkbox"/>

**BROADBAND**

**Helpful Hints...**

When configuring the router to access the Internet, be sure to choose the correct **Connection Type** from the list below. If you are unsure of which option to choose, contact your **Internet Service Provider (ISP)**.

If you are having trouble accessing the Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.

[More...](#)

6. Click on blue [Edit] button under SETUP > Internet Setup > Wan Service

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**D-Link**

DSL-2740B // **SETUP** ADVANCED MAINTENANCE STATUS HELP

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 Logout

**WAN**

Remove to configure WAN interfaces.

**WAN SERVICE SETUP**

Interface	PVC	Description	Protocol	ConnId	Igmp	NAT	Firewall	State	Edit	Action
<input type="checkbox"/>	ppp0	PVC: 8/35 pppoe_atm0	PPPoE	N/A	Enabled	Enabled	Enabled	Enabled	Edit	DOWN

**BROADBAND**

7. Click on [Next] button

**WAN**

Select the type of network protocol and encapsulation mode.

**WAN SERVICE CONFIGURATION**

Select WAN service type:

- PPP over Ethernet (PPPoE)
- IP over Ethernet
- Bridging

Enter Service Description:

8. Tick [Enable IGMP Multicast] box under IGMP Multicast heading then click on [Next] button

**PPP USERNAME AND PASSWORD**

PPP Username:

PPP Password:

PPPoE Service Name:

Authentication Method:

MTU:

MRU:

Enable NAT

Enable Fullcone NAT

Enable Firewall

Dial on demand (with idle timeout timer)

PPP IP extension

Use Static IPv4 Address

Enable PPP Debug Mode

Bridge PPPoE Frames Between WAN and Local Ports

**IGMP Multicast**

Enable IGMP Multicast

Enable VLAN

9. Click on [Next] button

**WAN**

Click "Apply" button to save the new configuration. You must reboot the router to make the new configuration effective.

**DNS SERVER CONFIGURATION**

**Obtain DNS server address automatically**  
WAN Interface selected: pppoe\_atm1/ppp0

**Use the following DNS server addresses**  
Preferred DNS server:   
Alternate DNS server:

10. Click on [Next] button

**WAN**

Select a preferred wan interface as the system default gateway. Click "Apply" button to save it.

**DEFAULT GATEWAY**

Selected WAN Interface pppoe\_atm1/ppp0

11. Click on [Apply] button

**WAN**

Make sure that the settings below match the settings provided by your ISP.

Click "Apply" to save these settings. Click "Back" to make any modifications.  
NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

**SETUP - SUMMARY**

PORT / VPI / VCI:	0 / 8 / 35
Connection Type:	PPPoE
Description:	pppoe_atm1
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Enabled

12. Click on blue [Add] button under SETUP > Internet Setup > Wan Service

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# D-Link

DSL-2740BSETUPADVANCEDMAINTENANCESTATUSHELP

Wizard

**Internet Setup**

Wireless Settings

Local Network

IPv6

Time and Date

Logout

## WAN

Remove to configure WAN interfaces.

WAN SERVICE SETUPRemove to configure WAN interfaces.

Interface	PVC	Description	Protocol	ConnId	Igmp	NAT	Firewall	State	Edit	Action	
<input type="checkbox"/>	ppp0	PVC: 8/35	pppoe_atm0	PPPoE	N/A	Enabled	Enabled	Enabled	Enabled	<a href="#">Edit</a>	DOWN

Add Remove

BROADBAND

13. Click on [Next] button

### WAN

Select a interface for wan service.

### WAN SERVICE INTERFACE CONFIGURATION

Select a layer 2 interface for this service:

atm1/(0\_0\_35) ▼

Back Next

13. Select [Bridging] option then click on [Next] button

**WAN**

Select the type of network protocol and encapsulation mode.

**WAN SERVICE CONFIGURATION**

Select WAN service type:

PPP over Ethernet (PPPoE)

IP over Ethernet

Bridging

Enter Service Description:

14. Click on [Apply] button

**WAN**

Make sure that the settings below match the settings provided by your ISP.

Click "Apply" to save these settings. Click "Back" to make any modifications.  
NOTE: You need to reboot to activate this WAN interface and further configure services over this interface.

**SETUP - SUMMARY**

PORT / VPI / VCI:	0 / 0 / 35
Connection Type:	Bridge
Description:	br_atm1
Service Category:	UBR
IP Address:	Not Applicable
Service State:	Enabled
NAT:	Disabled
Full Cone NAT:	Disabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable

15. You will be able to see a new WAN SERVICE SETUP entry

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# D-Link

DSL-2740B // SETUP ADVANCED MAINTENANCE STATUS HELP

Wizard  
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## WAN

Choose Add, Edit, or Remove to configure WAN Interfaces.

### WAN SERVICE SETUP

Interface	PVC	Description	Protocol	ConnId	Igmp	NAT	Firewall	State	Edit	Action
<input type="checkbox"/> ppp0	PVC: 8/35	pppoe_atm0	PPPoE	N/A	Enabled	Enabled	Enabled	Enabled	Edit	DOWN
<input type="checkbox"/> atm1	PVC: 0/35	br_atm1	Bridge	N/A	Enabled	Disabled	Disabled	Enabled	Edit	

Add Remove

**BROADBAND**

16. Tick [Enable IGMP Snooping] box under ADVANCED > Network Tools > IGMP then click on [Apply] button

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# D-Link

DSL-2740B // SETUP **ADVANCED** MAINTENANCE STATUS HELP

Advanced Wireless  
Port Forwarding  
Port Triggering  
DMZ  
Parental Control  
Filtering Options  
Firewall Settings  
DNS  
Dynamic DNS  
**Network Tools**  
Routing  
Schedules  
TR-069 Client  
WI-FI Protected Setup  
Budget Quota  
Power Management  
IPv6 Firewall  
IPv6 Routing  
Logout

## IGMP

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

### IGMP SETUP

**Enable IGMP Snooping**

Standard Mode  
 Blocking Mode

Apply Cancel

**BROADBAND**

**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. a 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 receivers of specific multicast group.  
**More...**

17. Click on [Reboot] button under MAINTENANCE > System

Allow the DSL-2740B to reboot with the new settings.

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The screenshot shows the D-Link DSL-2740B web interface. At the top, there is a navigation bar with the D-Link logo and the product name 'DSL-2740B'. Below this, there are several tabs: 'SETUP', 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'MAINTENANCE' tab is selected and highlighted with a red box. Underneath the 'MAINTENANCE' tab, there is a sub-menu with 'System' selected and highlighted with a red box. The main content area is divided into three sections: 'SYSTEM -- REBOOT', 'SYSTEM -- BACKUP SETTINGS', and 'SYSTEM -- UPDATE SETTINGS'. The 'SYSTEM -- REBOOT' section contains a 'Reboot' button, which is highlighted with a red box. The 'SYSTEM -- BACKUP SETTINGS' section contains a 'Backup Settings' button. The 'SYSTEM -- UPDATE SETTINGS' section contains a 'Settings File Name' input field, a 'Browse...' button, and an 'Update Settings' button. On the right side of the interface, there is a 'Helpful Hints...' section with text explaining the reboot process and a 'More...' link.

**System**

**SYSTEM -- REBOOT**

Click the button below to reboot the router.

Reboot

**SYSTEM -- BACKUP SETTINGS**

Backup DSL Router configurations. You may save your router configurations to a file on your PC.

Backup Settings

**SYSTEM -- UPDATE SETTINGS**

Update DSL Router settings. You may update your router settings by using your saved files.

Settings File Name:  Browse...

Update Settings

**SYSTEM -- RESTORE DEFAULT SETTINGS**

Restore DSL Router settings to the factory defaults.

Restore Default Settings

**Helpful Hints...**

This page allows you to reboot your router or save your router configuration to a file on your computer as a precaution in case you have to reset your router to factory default settings. You will be able to restore your router settings from a previously saved configuration file. There is also a function to allow you to reset your router to factory default settings. Resetting your router to factory default settings will erase your current configuration

[More...](#)