

Setting up the DSL-2740B for IPTV

1. Login to the Web Configuration. By default <http://192.168.1.1>.
2. Enter in the Username and Password to login to your DSL-2740B.
3. Under Web Configuration click on SETUP > Internet Setup.

The screenshot shows the WAN configuration page. On the left is a navigation menu with options: Wizard, Internet Setup (selected), Wireless Settings, Local Network, Time and Date, and Logout. The main content area is titled 'WAN' and contains instructions: 'Choose Add, Edit, or Remove to configure WAN interfaces. Choose Finish to apply the changes and reboot the system.' Below this is a 'WAN SETUP' table with columns: VPI/VCI, Service, Protocol, IGMP, QoS, State, Edit, and Action. A single entry is shown with VPI/VCI 8/35, Service pppoe_8_35_1, Protocol PPPoE, IGMP Disabled, QoS Disabled, State Enabled, and Action Edit and UP buttons. Below the table are 'Add', 'Delete', and 'Finish' buttons. A 'PVC SELECTION' section below that says 'Set NAT&FIREWALL to the following PVC:' with a dropdown menu set to 'pppoe_8_35_1' and 'Auto Select' and 'Save' buttons. At the bottom, a 'BROADBAND' tab is visible.

4. Click the Add button.
5. Under ATM PVC Configuration, enter as per below:

The screenshot shows the ATM PVC Configuration page. The top navigation bar includes 'DSL-2740B //', 'SETUP' (selected), 'ADVANCED', 'MAINTENANCE', 'STATUS', and 'HELP'. The left navigation menu is the same as in the previous screenshot. The main content area is titled 'WAN' and contains instructions: 'This screen allows you to configure an ATM PVC identifier (VPI and VCI) and select a service category. Choose an existing interface by selecting the checkbox to enable it.' Below this is an 'ATM PVC CONFIGURATION' section with input fields for VPI: [0-255] (0) and VCI: [32-65535] (35), and a dropdown for Service Category: LBR Without PCR. There is a section 'Enable Quality Of Service' with a checkbox that is currently unchecked. Below this are 'Back', 'Next', and 'Cancel' buttons. On the right side, there is a 'Helpful Hints...' section with text: '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.' and a 'More...' link. At the bottom, a 'BROADBAND' tab is visible.

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- Under Connection Type, enter as per below:

Wizard	WAN	Helpful Hints...
Internet Setup	Select the type of network protocol and encapsulation mode over the ATM PVC that your ISP has instructed you to use. Note that 802.1q VLAN tagging is only available for PPPoE, MER and Bridging.	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) .
Wireless Settings	CONNECTION TYPE	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.
Local Network	<input type="radio"/> PPP over ATM (PPPoA)	More...
Time and Date	<input type="radio"/> PPP over Ethernet (PPPoE)	
Logout	<input type="radio"/> MAC Encapsulation Routing (MER)	
	<input type="radio"/> IP over ATM (IPoA)	
	<input checked="" type="radio"/> Bridging	
	Encapsulation Mode	
	LLC/SNAP-BRIDGING	
	Enable 802.1q <input type="checkbox"/>	
	<input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/>	
BROADBAND		

- Under Bridge Settings, enter as per below:

Wizard	WAN	Helpful Hints...
Internet Setup	Unselect the check box below to disable this WAN service.	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) .
Wireless Settings	BRIDGE SETTINGS	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.
Local Network	Enable Bridge Service: <input checked="" type="checkbox"/>	More...
Time and Date	Service Name: <input type="text" value="br_0_35"/>	
Logout	<input type="button" value="Back"/> <input type="button" value="Next"/> <input type="button" value="Cancel"/>	
BROADBAND		

- You will now see a Summary, click Next to Continue.
- Please wait for the Router to reboot with the new settings applied.

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- When you log back into the DSL-2740B as per above, you should notice under STATUS > Internet Setup a new entry has been added, as per below:

	VPI/VCI	Service	Protocol	IGMP	QoS	State	Edit	Action
<input type="checkbox"/>	8/35	pppoe_8_35_1	PPPoE	Disabled	Disabled	Enabled	Edit	UP
<input type="checkbox"/>	0/35	br_0_35	Bridge	N/A	Disabled	Enabled	Edit	

- Under the first entry which should be your Internet Connection e.g. Service Name “pppoe_8_35_1” for example, highlight the first square box and click on the corresponding Edit button.
- Click the Next button until you see the Network Address Translation Settings, enter as per below:

Enable NAT

Enable Firewall

Enable IGMP Proxy, and WAN Service

Enable IGMP Proxy

Enable Telefonica IPTV Support

Enable WAN Service

Service Name:

NOTE: Enable IGMP Proxy has been selected on the above screenshot.

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13. Click Next, you should see the Summary page.

The screenshot shows the WAN configuration summary page. On the left is a navigation menu with 'Internet Setup' selected. The main content area is titled 'WAN' and contains instructions: '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.' Below this is a 'SETUP - SUMMARY' table with the following data:

VPI / VCI:	8 / 35
Connection Type:	PPPoE
Service Name:	pppoe_8_35_1
Service Category:	UBR
IP Address:	Automatically Assigned
Service State:	Enabled
NAT:	Enabled
Firewall:	Enabled
IGMP Proxy:	Enabled
Telefonica IPTV:	Disabled
Quality Of Service:	Disabled

At the bottom of the summary table are 'Back' and 'Apply' buttons. On the right side, there is a 'Helpful Hints...' section with a note: 'Note: Be sure to restart the router for the new Internet Setting to take effect.' and a 'More...' link. The bottom of the page has a 'BROADBAND' label.

14. Click the Apply button to Save the Settings and allow the DSL-2740B to reboot with the new settings.

15. When you log back into your DSL-2740B Web Configuration, click on SETUP > Internet Setup and you should notice that IGMP has been enabled, as below screenshot illustrates:

The screenshot shows the WAN Setup page. The navigation menu on the left has 'Internet Setup' selected. The main content area is titled 'WAN' and contains instructions: 'Choose Add, Edit, or Remove to configure WAN interfaces. Choose Finish to apply the changes and reboot the system.' Below this is a 'WAN SETUP' table with the following data:

	VPI/VCI	Service	Protocol	IGMP	QoS	State	Edit	Action
<input type="checkbox"/>	8/35	pppoe_8_35_1	PPPoE	Enabled	Disabled	Enabled	Edit	<input type="button" value="UP"/>
<input type="checkbox"/>	0/35	br_0_35	Bridge	N/A	Disabled	Enabled	Edit	

Below the table are 'Add', 'Delete', and 'Finish' buttons. At the bottom, there is a 'PVC SELECTION' section with the text 'Set NAT&FIREWALL to the following PVC:' followed by a dropdown menu showing 'pppoe_8_35_1' and 'Auto Select' and 'Save' buttons. The bottom of the page has a 'BROADBAND' label.

END DOCUMENT