

NetComm[®]
www.netcomm.com.au

 **Dynalink**

IPTV Setup
(RTA1320)

IPTV

This guide will take you through the process of configuring a VLAN on your modem / router to work with IPTV.*

1. Navigate to <http://192.168.1.1> in a web browser.
2. Enter admin for both the username and password and click Ok.
3. Select Advanced > Internet > IGMP Proxy.



The screenshot shows a Windows Internet Explorer browser window displaying the Dynalink ADSL2+ Router web interface. The address bar shows <http://192.168.1.1/>. The interface includes a navigation menu with options: Quick Start, Status, Advanced, and Management. The left sidebar lists various configuration sections: Local Network, Internet, Connections, DNS Server, IGMP Proxy, DSL, IP Routing, Virtual Server, NAT ALG, Firewall, and Quality of Service. The main content area is titled "IGMP Proxy Configuration" and contains the following text: "Enabling IGMP proxy function can allow the users on your local network to play the multimedia (video or audio) which sent from the servers on the Internet." Below this text is a table with two columns: "Internet Connection" and "IGMP Proxy Enabled". The table contains one row with the value "pppoe_8_35_1" in the first column and a checked checkbox in the second column. At the bottom of the table are "Apply" and "Cancel" buttons. The bottom status bar of the browser shows "Done" and "Internet" with a 100% zoom level.

Internet Connection	IGMP Proxy Enabled
pppoe_8_35_1	<input checked="" type="checkbox"/>

4. Check IGMP Proxy Enabled and press Apply.

5. Select Advanced > Internet > Connections.

The screenshot shows the NetComm ADSL2+ Router web interface in a Windows Internet Explorer browser window. The address bar shows the URL <http://192.168.1.1/>. The interface includes a navigation menu with options: Quick Start, Status, Advanced, and Management. The 'Advanced' option is selected. On the left side, there is a sidebar menu with categories: Local Network, Internet, Connections, DNS Server, IGMP Proxy, DSL, IP Routing, Virtual Server, NAT ALG, Firewall, and Quality of Service. The main content area is titled 'Internet Connection Configuration' and contains the following text: 'Choose Add or Edit to configure Internet connection. Choose Finish to apply the changes and reboot the system.' Below this text is a table with the following data:

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	MTU	Edit
pppoe_8_35_1 <small>Connect</small>	8/35	UBR	PPPoE LLC/SNAP	On	On	Auto assigned	1492	 

Below the table, there is a note: 'The Internet connection is NOT active if PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.' At the bottom of the configuration area, there are two buttons: 'Add' and 'Finish'. The browser's status bar at the bottom shows 'Done' and 'Internet'.

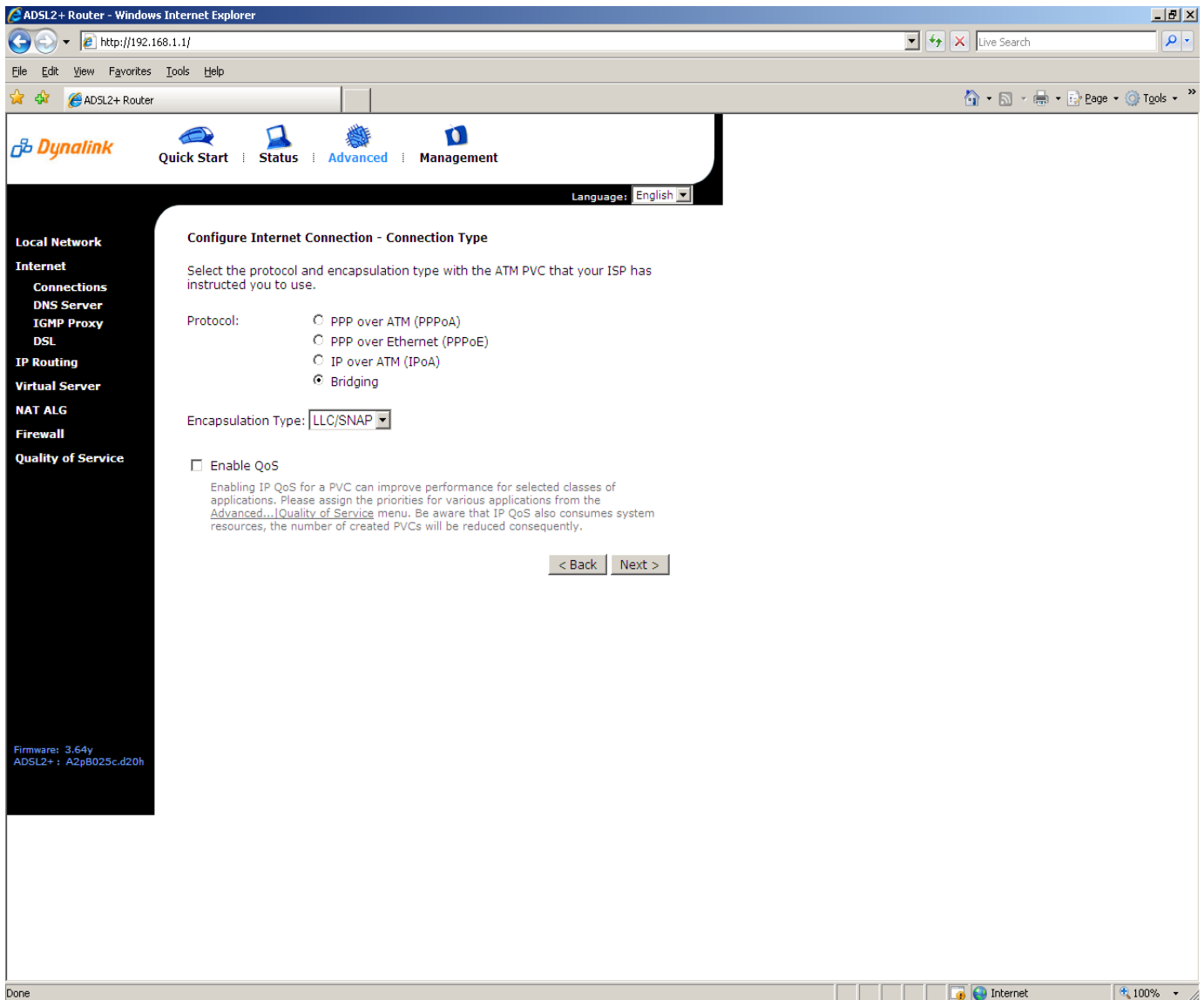
6. Select Add on the right hand side under the current connection entry.

7. Change the VPI to 0 and the VCI setting to 35. with the service category UBR without PCR.



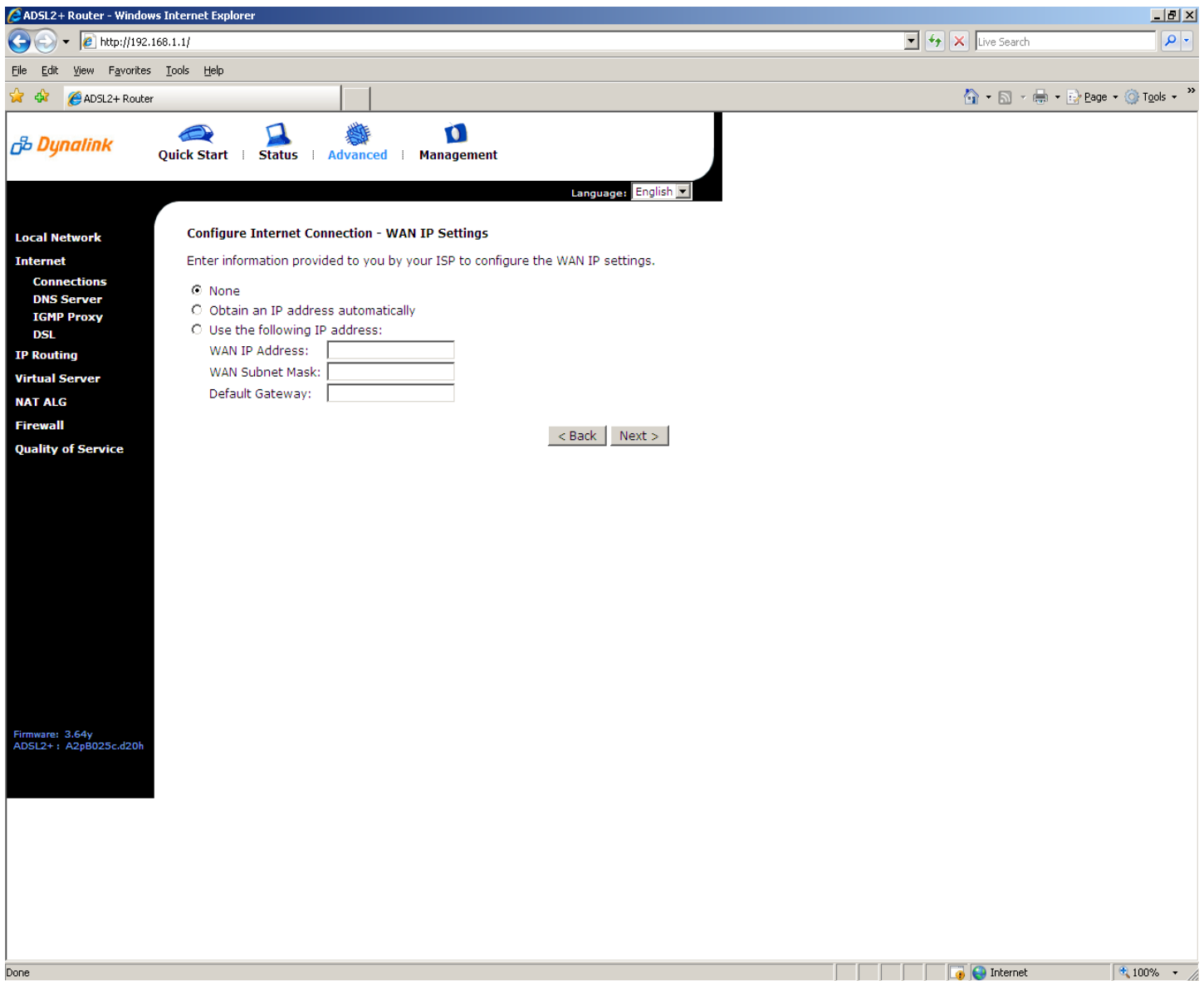
8. Press the Next Button.

9. Select Bridging as the protocol and LLC/SNAP as the encapsulation type. QoS (Quality of Service where data traffic is prioritized is optional).



10. Press the Next button.

11. Leave the next screen as default settings unless directed otherwise by your ISP.



12. Press the Next button.

13. Check the Enable this Internet Connection option. The connection name can be changed if you want but is useful as br_0_35 for connection troubleshooting and diagnosis purposes.
14. Press Apply.

The screenshot shows the NetComm ADSL2+ Router web interface in a Windows Internet Explorer browser window. The address bar shows the URL `http://192.168.1.1/`. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The page title is "ADSL2+ Router".

The interface features a navigation menu with the following items: Quick Start, Status, Advanced, and Management. A language dropdown menu is set to "English".

The main content area is titled "This Internet Connection -- Summary". It contains the following text and form elements:

- Make sure that the settings below match the settings provided by your ISP.
- Enable this Internet Connection
- Connection Name:

Below this is the "Internet (WAN) Configuration:" section, which includes a table:

VPI / VCI	0 / 35
Service Category	UBR
Connection Type	Bridge LLC/SNAP, QoS On

At the bottom of the configuration section, there are two buttons: "< Back" and "Apply".

At the bottom left of the page, the following information is displayed:

Firmware: 3.64y
ADSL2+ : A2pB025c.d20h

The browser's status bar at the bottom shows "Done" and "Internet" with a 100% zoom level.

15. Click the Finish button on the connection configuration summary page. The router will now save the settings and reboot.

The screenshot shows the NetComm ADSL2+ Router web interface in a Windows Internet Explorer browser window. The address bar shows the URL <http://192.168.1.1/>. The page title is "ADSL2+ Router". The navigation menu includes "Quick Start", "Status", "Advanced", and "Management". The "Language" is set to "English".

The main content area is titled "Internet Connection Configuration". It contains the following text:

Choose Add or Edit to configure Internet connection.
Choose Finish to apply the changes and reboot the system.

PVC Name	VPI/VCI	Category	Protocol	NAT	QoS	WAN IP Address	MTU	Edit
pppoe_8_35_1 <small>Connect</small>	8/35	UBR	PPPoE LLC/SNAP	On	On	Auto assigned	1492	
br_0_35 (?)	0/35	UBR	Bridge LLC/SNAP	*	On	*		

The Internet connection is NOT active if PVC name is marked with (?). You need to click "Finish" to apply the changes and reboot the system for activating this PVC.

At the bottom left, there is a "WARNING:" section:

WARNING:
Router's settings are changed. New settings are only valid after restarting router.

The status bar at the bottom shows "Done" and "Internet" with a 100% zoom level.

Your modem should now be able to utilise your IPTV service.