

# Zyxel modem only mode ADSL

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## Overview

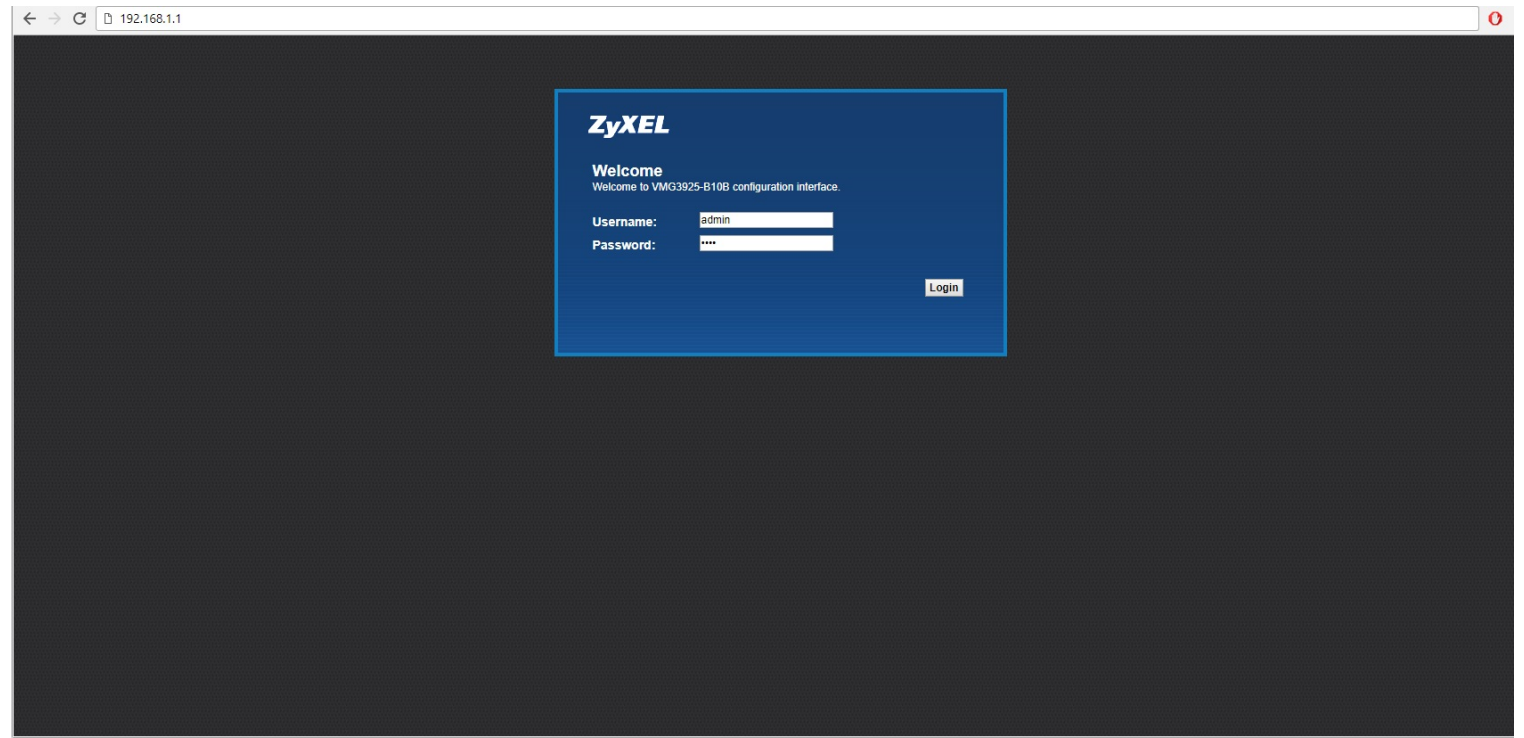
This article will go over how to configure a Zyxel router for Modem only mode on an ADSL connection.

## Configuring the device

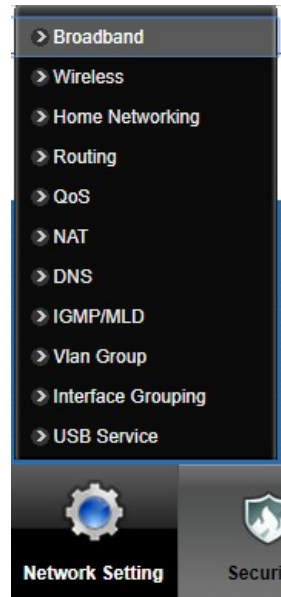
The first step to access the device is plug an Ethernet cable into one of the Zyxels lan ports between 1 and 3.

Once connected browse to 192.168.1.1 using a browser of your choice.

You should see the below screen, log in with username - admin password - 1234. Note this password may of been changed if the device has already been configured, if you have the piece of paper sent with the device, the password should be on there.




Once logged in, a quick start wizard will open up, close that and go to Network setting > Broadband

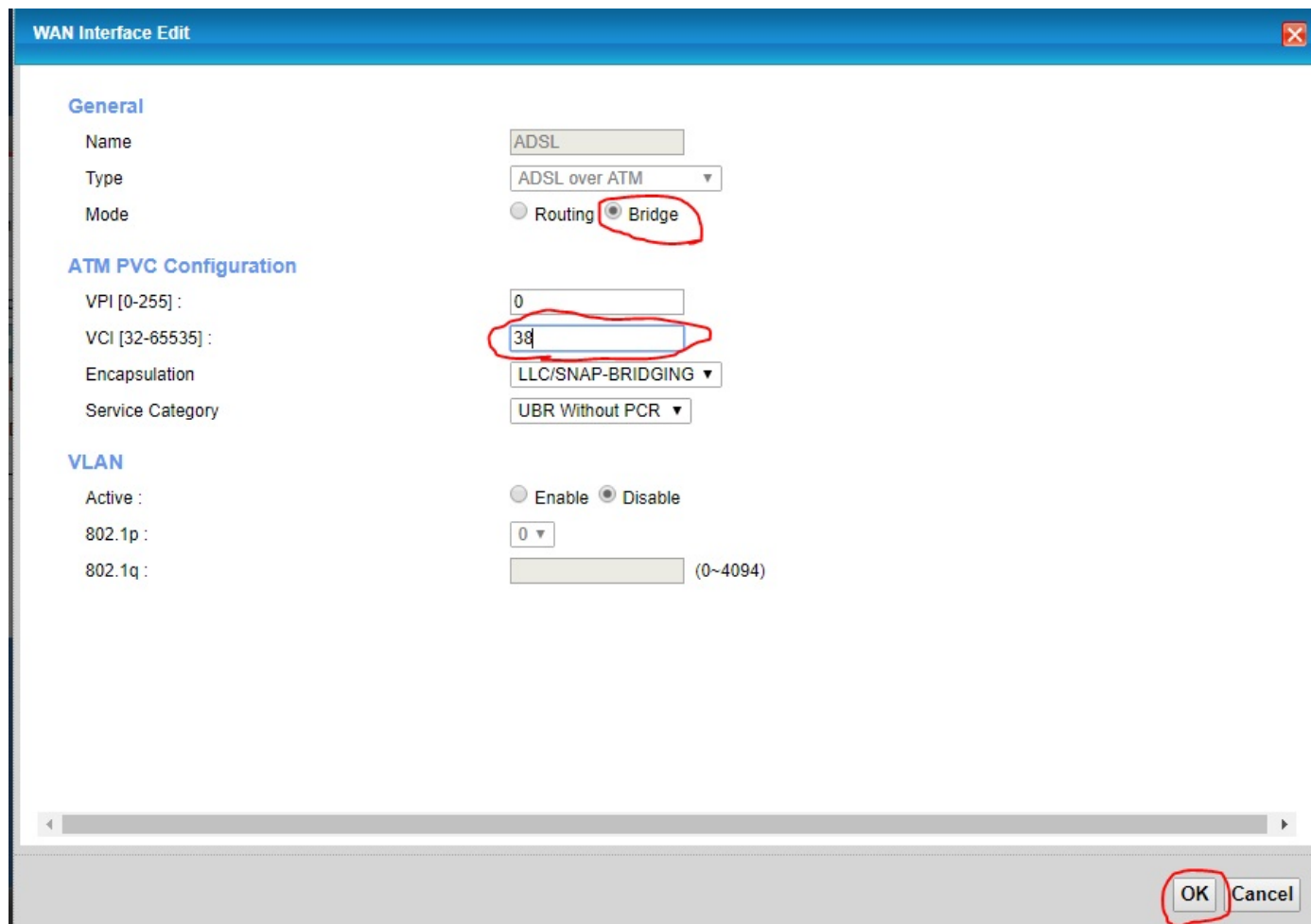


Select the modify option on ADSL

You can configure the Internet settings of this device. Correct configurations build successful Internet connection.

Add New WAN Interface												
#	Name	Type	Mode	Encapsulat...	802.1p	802.1q	IgmpProxy	NAT	Default Gat...	IPv6	MLD Proxy	Modify
1	ADSL	ATM	Routing	IPoE	N/A	N/A	Y	Y	Y	N	N	
2	VDSL	PTM	Routing	PPPoE	0	101	Y	Y	Y	N	N	
3	ETHWAN	ETH	Routing	IPoE	N/A	N/A	Y	Y	Y	N	N	

Change the two options highlighted below, change the mode to Bridge and VCI to 38. Once done hit ok to save the config



The image shows a 'WAN Interface Edit' window with three sections: General, ATM PVC Configuration, and VLAN. In the General section, the 'Mode' is set to 'Bridge' (highlighted with a red circle). In the ATM PVC Configuration section, the 'VCI [32-65535]' is set to '38' (highlighted with a red circle). In the VLAN section, the 'Active' checkbox is checked. At the bottom right, the 'OK' button is highlighted with a red circle.

**WAN Interface Edit**

**General**

Name: ADSL

Type: ADSL over ATM

Mode: ☐ Routing ☒ Bridge

**ATM PVC Configuration**

VPI [0-255]: 0

VCI [32-65535]: 38

Encapsulation: LLC/SNAP-BRIDGING

Service Category: UBR Without PCR

**VLAN**

Active: ☒ Enable ☐ Disable

802.1p: 0

802.1q: (0~4094)

OK Cancel

You will then need to plug the router doing the authentication into LAN4/WAN on the zyxel.

Posted by: Keira Tait - Mon, Aug 14, 2017 at 2:52 PM. This article has been viewed 6991 times.

Online URL: <https://kb.ic.uk/article/zyxel-modem-only-mode-adsl-141.html> (<https://kb.ic.uk/article/zyxel-modem-only-mode-adsl-141.html>)