

# Zyxel modem only mode ADSL

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## Overview

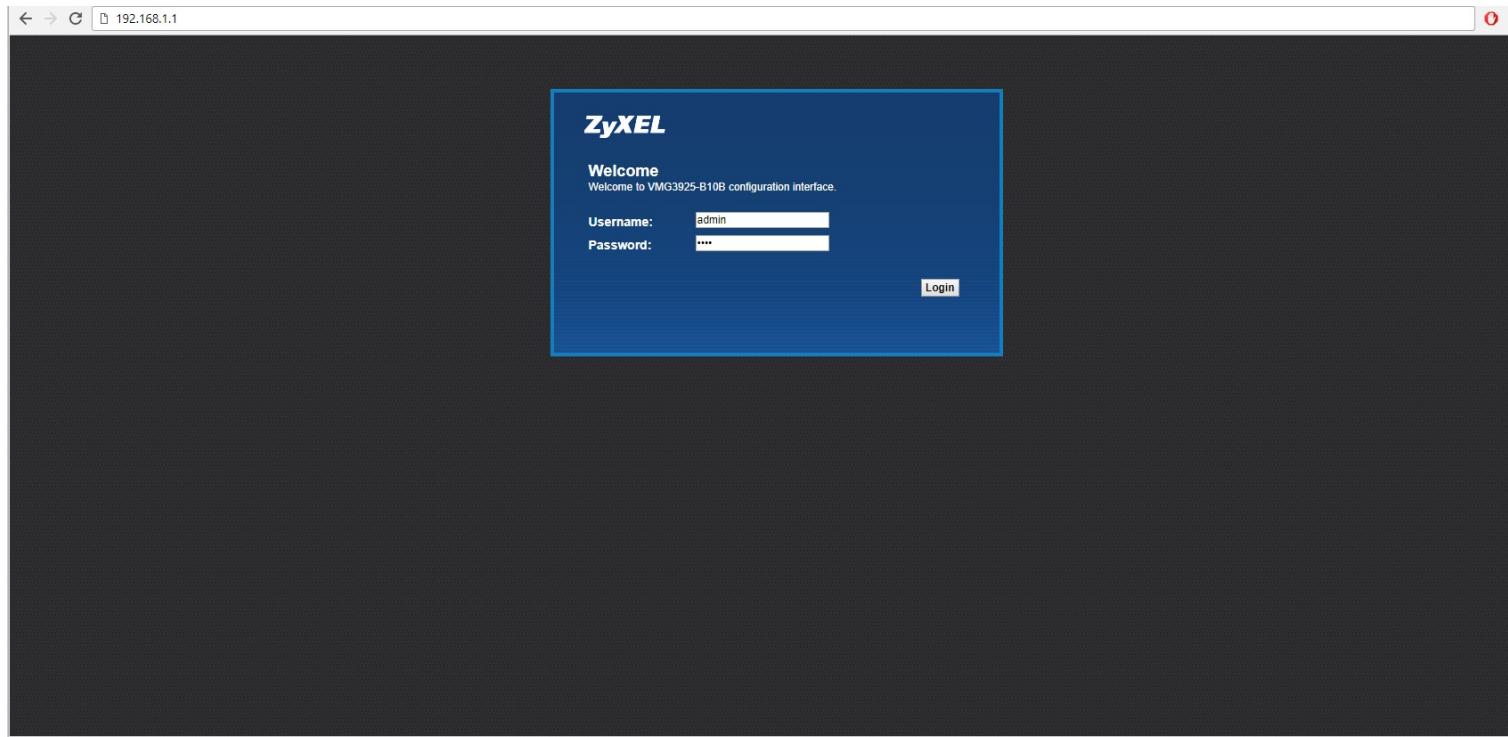
This article will go over how to configure a Zyxel router for Modem only mode on an ADSL connection.

## Configuring the device

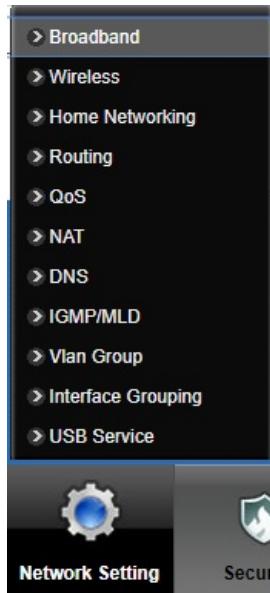
The first step to access the device is plug an Ethernet cable into one of the Zyxel's lan ports between 1 and 3.

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 have been changed if the device has already been configured, if you have a 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

**WAN Interface Edit**

**General**

|      |   |
|------|---|
| Name | ADSL  |
| Type | ADSL over ATM   |
| Mode | <input type="radio"/> Routing <input checked="" type="radio"/> Bridge |

**ATM PVC Configuration**

|                  |                   |
|------------------|-------------------|
| VPI [0-255] :    | 0                 |
| VCI [32-65535] : | 38                |
| Encapsulation    | LLC/SNAP-BRIDGING |
| Service Category | UBR Without PCR   |

**VLAN**

|          |   |
|----------|---|
| Active : | <input type="radio"/> Enable <input checked="" type="radio"/> Disable |
| 802.1p : | 0   |
| 802.1q : | (0~4094)  |

**Buttons**

OK (highlighted with a red circle) 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 8332 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>)