

NetComm[®]

 *Dynalink*

Bigpond 3G Connection Guide

(3G18WN)

Bigpond 3G Connection Guide

This guide has been produced as the recommended method for connecting to the internet using a Bigpond Maxon BP3-EXT USB dongle as a 3G modem with the Netcomm 3G18Wn as a 3G router.

Step 1 – Check/ Upgrade 3G18Wn firmware version.

1. Before continuing please ensure you have the latest firmware onboard the 3G18Wn by checking the latest firmware version available from the Netcomm website at:

http://www.netcomm.com.au/asset-listings/firmware-listing?firmware_id=18345

2. To check the current firmware installed on the 3G18Wn complete the following:

- Navigate to <http://192.168.20.1> in a web browser using “admin” as both the username and password to login to the router.
- Select the **Status** menu option and look for the **Firmware Version** listed under System Info.

The screenshot shows the NetComm 3G18Wn web interface. The top navigation bar includes 'Status', 'Internet Settings', 'Wireless Settings', 'Firewall', and 'Administration'. The 'Status' menu is highlighted. Below the navigation bar, there are tabs for 'All Status', 'WAN', 'PPPoE', and 'PPTP'. The 'System Info' section is expanded, showing the following details:

System Info	
Firmware Version	1.0.45.0 (Oct 12 2010)
System Up Time	01 : 42 : 21
Operation Mode	Gateway Mode

The 'Local Network' section is also visible, showing:

Local Network	
Local IP Address	192.168.20.1
Local Netmask	255.255.255.0
MAC Address	00:1D:85:DE:AD:00

The 'WWAN (3G)' section shows:

WWAN (3G)	
Operation Mode	AlwaysOn

- If the firmware version listed in the 3G18Wn interface is older than that listed on the Netcomm website upgrade the firmware. Ensure the 3G modem is unplugged when you perform the firmware upgrade and download the firmware using an ethernet cable connection.
- Follow the firmware upgrade instructions at the link in step 1 to complete the firmware upgrade.

3. After upgrading the firmware perform a factory reset by holding in the reset button at the back of the router for 20 seconds.

Step 2 – Connect the Bigpond 3G modem to your Computer/Laptop.

1. Once the router is reset to factory defaults with the latest firmware installed plug the Bigpond Maxon BP3-EXTUSB dongle into your computer or laptop and connect to the internet using the Bigpond connection manager application.
2. Once the 3G modem is connected to the internet unplug it from the computer or laptop and plug it into 3G18Wn router. [Do not Disconnect using the 3G modem connection manager]

Continue to the next page for **Step 3 – Connect to the Internet via the 3G18Wn router .**

Step 3 – Connect to the Internet via the 3G18Wn router .

1. Navigate to <http://192.168.20.1> in a web browser using “admin” as both the username and password to login to the router.
2. Select **Internet Settings > 3G Internet Settings**.

NetComm 3G18Wn - 3G 5-Port 11n Wi-Fi Router
www.netcomm.com.au

Status > Internet settings > Wireless settings > Firewall > Administration

Internet settings > 3G Internet settings

WWAN (3G) Settings

This page allows you to setup your WWAN (Wireless Wide Area Network) connection. Enter the relevant settings as provided by your 3G provider. The unit will default to 'Auto APN Select Mode' if the APN field is blank. You may need to check the APN that is displayed on the Status page while the unit is connecting. If the default APN does not match your SIM account, then you will need to type in the correct APN manually or choose one from the drop down list below.

Auto-APN	Disable		
APN	telstra.bigpond	Australia	Choose an APN here
Dial	*99#	(default *99#)	
Authentication Type	CHAP		
User Name	abc@bigpond.com		
Password	*****		
Verify Password	*****		
3G NAT	Enabled		
Interface Metric	20		
Operation Mode	Off		
Redial Period	5 seconds		

Apply Cancel

3. Set **Auto-APN** to Disable.
4. Enter telstra.bigpond as the **APN**.
5. Enter your Bigpond Username (eg. abc@bigpond.com) into the **Username** field.
6. Enter your Bigpond Password into the **Password** field and once again into the Verify Password field.
7. Press **Apply**.
8. Return to the **Status** page and confirm that the connection status changes to Up. You are now connected to the internet.