

Huawei HG630/HG630a VDSL2 modem

1. Access the modem via the default IP address (192.168.1.1).
2. Enter the Username: **admin**, and Password: **admin**
3. Click on Basic → Link interface → ATM → (check all box on the right) → Remove → ok

The screenshot shows the modem's web interface with the 'Basic' tab selected. The 'Link Interface' sub-tab is active, and the 'ATM' section is highlighted. A table lists ATM connections, and the configuration details for 'ATM1_8_48' are shown below.

Name	VPI	VCI	VLAN ID	802.1P	DSL Latency	Category	Link Type	Enable	Remove
ATM1_8_48	8	48	-	-	Path0	UBR	EoA	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ATM2_8_35	8	35	-	-	Path0	UBR	EoA	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ATM1_8_48 configuration details:

- ATM connection: Enable
- VPI/VCI: 8 / 48
- DSL latency: Path0 Path1
- DSL link type: EoA PPPoA IPoA
- VLAN: Enable
- Encapsulation mode: LLC
- Service type: UBR Without PCR

Submit

4. Do the same thing for PTM and Ethernet
5. Go back to PTM, click on new → submit

The screenshot shows the modem's web interface with the 'Basic' tab selected. The 'Link Interface' sub-tab is active, and the 'PTM' section is highlighted. A table lists PTM connections, and the configuration details for 'PTM1_VID' are shown below.

Name	DSL Latency	PTM Priority	VLAN ID	802.1P	Remove
PTM1_VID	Path0	Normal	-1	-1	<input type="checkbox"/>

PTM1_VID configuration details:

- DSL latency: Path0 Path1
- PTM priority: Normal Priority High Priority
- VLAN: Enable

Submit

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6. And then go to Basic→ WAN→

Click **New**. Configure with the following details:

Connection device: **PTM1_VID**

WAN connection: tick **Enable**

Service list: tick **INTERNET**

Bind list: tick **LAN1, LAN2, LAN3, LAN4, and SSID1**

Connection type: **IP_Routed (PPP)**

IP type: IPv4 (please make sure ipv4 selected)

User name: [username]@fibreworks.com.au

Password: your Fibreworks password

The screenshot shows the 'WAN Connection' configuration page. At the top, there is a 'WAN' tab and a table with columns: Name, Connection Type, Connection Status, IP Type, Enable, and Remove. A 'New' button is highlighted in red. Below the table is the 'Settings' form for a new connection. The form includes the following fields and options, with red boxes highlighting the specified settings:

- Connection device: PTM1_VID
- WAN connection: Enable
- Service list: INTERNET, TR069
- Bind list: LAN1, LAN2, LAN3, LAN4, SSID1, SSID2, SSID3, SSID4
- Connection type: IP_Routed (PPP)
- IP type: IPv4
- NAT: NAT
- Authentication mode: Auto
- Connection trigger: AlwaysOn
- User name: [text input]
- Password: [text input]
- Tunnel Type: None
- MRU: Auto, Size: 1492
- MSS: Auto, Size: 1452

A 'Submit' button is located at the bottom right of the form.

The modem should now connect to internet.

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Wireless Settings

1. Click **Basic**, then **WLAN** on the left menu bar.
2. Check to make sure the **Country Code** is set to **AUSTRALIA**.
3. Change **SSID** to name of customer's choice.
4. Enter **Pre-Shared Key** from 8 to 63 case-sensitive characters (including spaces and symbols).
5. Click **Submit**.

The screenshot displays the 'Home Gateway' interface for wireless settings. The left sidebar contains navigation options: Status, Basic, LAN, WLAN, Advanced, and Maintenance. The main content area is titled 'Wireless Settings' and includes a 'Help' link. The settings are as follows:

Mode:	802.11b/g/n
Country Code:	AUSTRALIA
Channel:	Auto
Band Width:	20/40 MHZ
Guard Interval:	short
Transmit power:	100%
SSID Index:	SSID1
SSID:	Wireless Name *
Maximum Number of Accessing Devices:	16 *
Enable SSID:	<input checked="" type="checkbox"/> Enable
Hide Broadcast:	<input type="checkbox"/> Enable
Enable WMM:	<input checked="" type="checkbox"/> Enable
Security Mode:	WPA-PSK/WPA2-PSK
WPA Pre-Shared Key:	***** *
WPA Encryption:	AES
Enable WPS:	<input checked="" type="checkbox"/> Enable
WPS Mode:	PBC

A red box highlights the 'Submit' button at the bottom right of the settings area.