

IP rates and Configuration

DSL and IP Throughput Rates

WBC

DSL Rate	Throughput
0 to 288kbps	50kbps to 250kbps
288kbps to 576kbps	100kbps to 500kbps
576kbps to 1152kbps	200kbps to 1000kbps
1152kbps to 2272kbps	400kbps to 2000kbps
2272kbps to 8128kbps	1000kbps to 7150kbps
8128kbps to 24384kbps	2000kbps to 21000kbps

WBC Premium Variants

ADSL Sync speed	Throughput
0 to 288kbps	100kbps to 250kbps
288kbps to 576kbps	100kbps to 500kbps
576kbps to 1152kbps	400kbps to 1000kbps
1152kbps to 2272kbps	800kbps to 2000kbps
2272kbps to 8128kbps	1200kbps to 7150kbps
8128kbps to 24384kbps	4000kbps to 21000kbps

Configure a routed IP on your router

Routed IP addresses are not provided as standard as they are only required in certain circumstances.

For more information on IP addressing please [click here](#).

Step 1

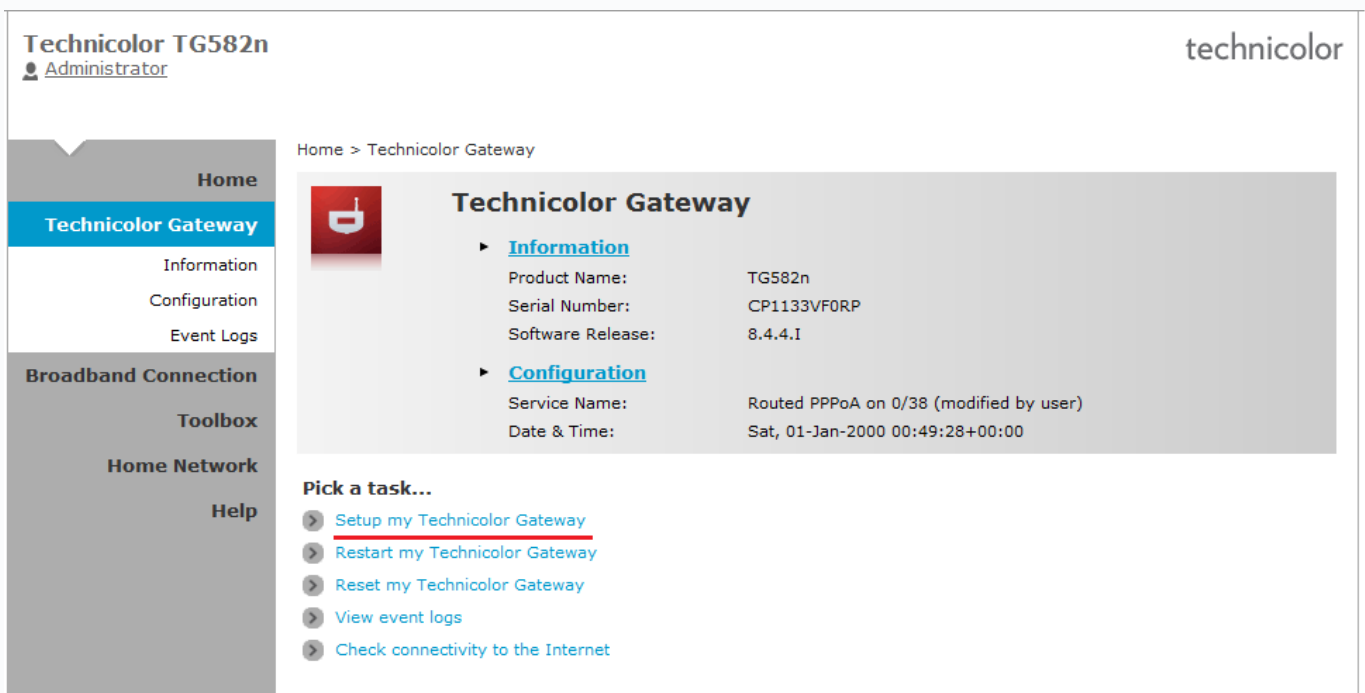
Open your browser and access the routers web interface.

If your router is supplied by Gamma, you can follow these steps:

- Enter 192.168.1.1 to the address bar
- Input the admin logon details
- Default username = Administrator
- Default password = XXXXXXXX-Admin or GREF-Admin

Step 2

Click on 'Setup my Technicolor Gateway', then click 'Next'



The screenshot displays the Technicolor TG582n web interface. The top left shows the product name 'Technicolor TG582n' and the user 'Administrator'. The top right features the 'technicolor' logo. A left-hand navigation menu includes 'Home', 'Technicolor Gateway' (highlighted), 'Information', 'Configuration', 'Event Logs', 'Broadband Connection', 'Toolbox', 'Home Network', and 'Help'. The main content area shows the breadcrumb 'Home > Technicolor Gateway' and a 'Technicolor Gateway' section with a router icon. This section is divided into 'Information' and 'Configuration' tabs. The 'Information' tab displays: Product Name: TG582n, Serial Number: CP1133VF0RP, and Software Release: 8.4.4.I. The 'Configuration' tab displays: Service Name: Routed PPPoA on 0/38 (modified by user) and Date & Time: Sat, 01-Jan-2000 00:49:28+00:00. Below this, a 'Pick a task...' section lists five actions: 'Setup my Technicolor Gateway' (highlighted with a red underline), 'Restart my Technicolor Gateway', 'Reset my Technicolor Gateway', 'View event logs', and 'Check connectivity to the Internet'.


Step 3

For ADSL connections: Select 'ADSL (Expert)' and click 'Next'.

For FTTC/SoGea/FTTP connections: Select 'Eth WAN (Expert)' and click 'Next'.

Service Selection

You need to select the service you want to connect to.



Select the service of your DSL account. Click Next to continue.

Select a service:

Eth WAN (Standard)	▲
Eth WAN (Expert)	■
ADSL (Expert)	▼

Description of selected service:

DESCRIPTION	UK Custom Routed PPP connection (Public Subnet config etc)
REGION	UK
PROVIDER	All

< Back Next > Cancel

Step 4

Enter the username / password for the broadband circuit (available on Broadband Service Management via the Gamma Portal).

Access Control

Please specify a **Username** and **Password** to prevent unauthorised access to the Thomson Gateway management interface.



User Name

Enter a user name.

Password

Enter a password.

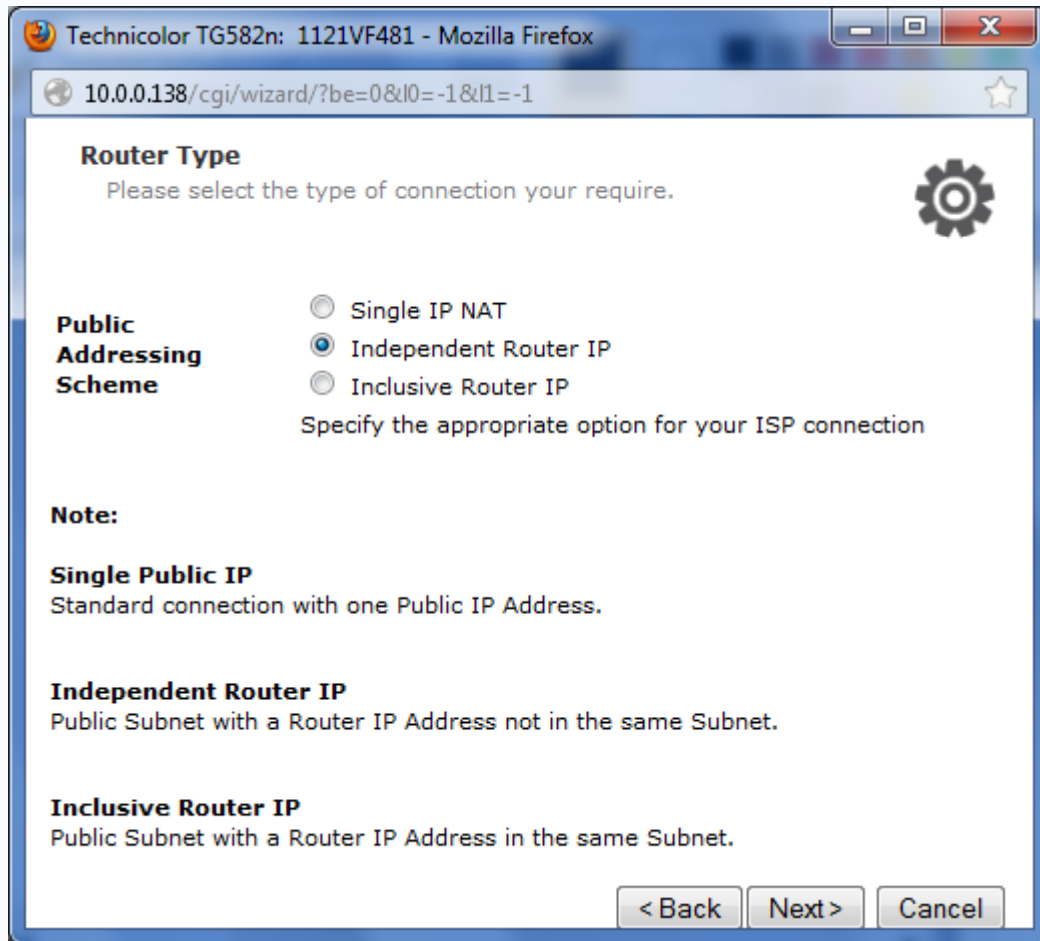
Confirm Password

Re-enter the password.

NOTE: The password defaults are no password, we strongly recommend setting one to protect your router

Step 5

Leave the WAN - VLAN parameters as they are defined in the text boxes and click "Next".



Step 6

Again leave these text boxes with the data that is already in them on the UpStream QoS screen.

Technicolor TG582n: 1121VF481 - Mozilla Firefox

10.0.0.138/cgi/wizard/?be=0&l0=-1&l1=-1

Router Addressing

Enter the Router IP address information.

Routed IP Address End

Router IP address

Note: Add this as the default gateway on any static PC clients.

Subnet Mask

Enter the subnet mask.

Note:

If you have chosen the Single Public IP option this will be the LAN Router address used in conjunction with the DHCP range on the following page.

For Public Subnet configurations you will need to input the details provided by your ISP.

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Step 7


Select 'Independent Router IP'.

Technicolor TG582n: 1121VF481 - Mozilla Firefox

10.0.0.138/cgi/wizard/?be=0&l0=-1&l1=-1

Router Type

Please select the type of connection your require.



Public Addressing Scheme

Single IP NAT

Independent Router IP

Inclusive Router IP

Specify the appropriate option for your ISP connection

Note:

Single Public IP
Standard connection with one Public IP Address.

Independent Router IP
Public Subnet with a Router IP Address not in the same Subnet.

Inclusive Router IP
Public Subnet with a Router IP Address in the same Subnet.

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Step 8

Input the details you entered on **Step 1**.

Access Control

Please specify a **Username** and **Password** to prevent unauthorised access to the Thomson Gateway management interface.



User Name

Enter a user name.

Password

Enter a password.

Confirm Password

Re-enter the password.

NOTE: The password defaults are no password, we strongly recommend setting one to protect your router

Step 9

Ensure you input the correct subnet mask that was provided with your routed IP request. The Router IP should be the end routed IP address, and not any other.

Technicolor TG582n: 1121VF481 - Mozilla Firefox

10.0.0.138/cgi/wizard/?be=0&l0=-1&l1=-1

Router Addressing

Enter the Router IP address information.

Routed IP Address End

Router IP address

Note: Add this as the default gateway on any static PC clients.

Subnet Mask

Enter the subnet mask.

Note:

If you have chosen the Single Public IP option this will be the LAN Router address used in conjunction with the DHCP range on the following page.

For Public Subnet configurations you will need to input the details provided by your ISP.

< Back Next > Cancel

Step 10

Ensure DHCP is unchecked.

Technicolor TG582n: 1121VF481 - Mozilla Firefox

10.0.0.138/cgi/wizard/?be=0&l0=-1&l1=-1

Address Management

Address information for use on your local network

Enable DHCP
Allocate IP addresses locally using DHCP?

Enter First DHCP Address: 192.168.1.64
First Available DHCP IP Address

Enter Last DHCP Address: 192.168.1.253
Last available DHCP IP Address

Note:
If Single Public IP was selected make, sure the IP Address range matches the subnet from previous page.

Step 11

The remainder of the settings can be configured as you see fit.



Firewall Management

Firewall Protection for Public IP devices



Enable Firewall protection

Use the Gateway firewall to protect the Public Addresses

Note:

All computers connected to the Gateway with a private IP address will still be protected by the firewall and NAT.

This Page can be ignored if you have chosen Single Public IP.

< Back

Next >

Cancel