technicolor

FGA2235

QUICK SETUP GUIDE

Technicolor Delivery Technologies – www.technicolor.com

1. Before you start

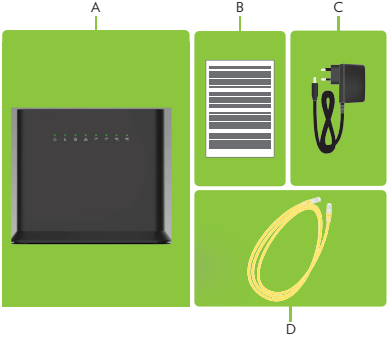
Carefully read the **Safety Instructions and Regulatory Notices** document included in your package before continuing with the installation of your gateway.

Caution!

- Do not look directly into the fibre source or into the end of a connected fibre cable.
- Do not bend the fibre cable. Overbending the fibre cable may cause internal damage to the fibre cable.
- Do not touch the fibre cable ends. They must remain clean to ensure optimal performance.

2. Check the content of your package

Your package contains the following items:



Item	Description
A	One FGA2235 gateway
B	User Documentation (this Quick Setup Guide, Safety Instructions & Regulatory Notices...). Other additional documents may be included.
C	One power adapter (type may differ depending on region)
D	One yellow Ethernet cable (with yellow connectors)

3. Connect your gateway to the Broadband service

Choose your installation method

To connect your gateway to the Internet you can either:

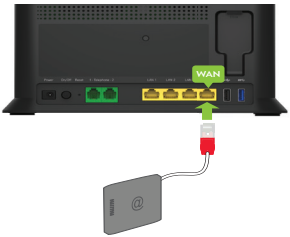
- Directly connect your gateway to your service provider's fiber network. In this setup your gateway is used as ***Fiber gateway***. Follow the instructions from *"Option A: Connect as Fiber Gateway" on page 2*.
- Place your gateway behind another Internet access device. In this setup your gateway is used as ***local Ethernet router***. Follow the instructions from *"Option B: Connect as local Ethernet router" on page 2*.

Option A: Connect as Fiber Gateway

1 Insert the connector in the port.

2 Take the other end of the fibre cable, remove the protective cap from the connector and then insert the connector in the optical termination point.

Option B: Connect as local Ethernet router



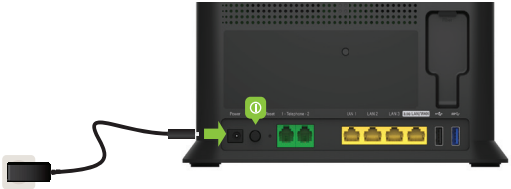
1 Plug the Ethernet cable into the Ethernet **WAN** port on your gateway.

2 Plug the other end of the Ethernet cable into the Ethernet port of your Internet access device.

4. Connect your telephones to your gateway (optional)

Connect your corded phone or DECT base station to the green port.

5. Power on your gateway



1 Plug the connector of the electric power supply adapter into the power inlet port (– – +) of your gateway. Plug the adapter into a nearby power outlet.

2 Press the power button (⏻) on the back panel.

Wait until the ⏻ LED becomes solid green. This can take several minutes! Do not power off your gateway or unplug any cables!

6. Connect your network devices

We recommend you to first connect one computer/tablet (if possible via a wired connection), then complete the rest of the procedure and as a final step connect the other devices.

6.1. Connect your wired (Ethernet) devices

If you want to connect a device using a wired (Ethernet) connection:

1. Take the yellow Ethernet cable.
2. Connect one end of the Ethernet cable to one of the yellow Ethernet ports of your gateway.
3. Connect the other end of the Ethernet cable to your device.
4. Connect your other Ethernet devices.
5. We recommend you to first configure your gateway (see *"7. Configure your gateway to your needs (optional)" on page 6*) before connecting your Wi-Fi devices (see *"6.2. Connect your Wi-Fi devices" on page 4*).

6.2. Connect your Wi-Fi devices

Your gateway has two Wi-Fi access points:

- The ***5 GHz access point*** offers superior transfer rates, is less sensitive to interference and allows you to connect Wi-Fi 6 (IEEE802.11a/n/ac/ax) devices that support 5 GHz.
- The ***2.4 GHz access point*** allows you to connect Wi-Fi 6 (IEEE802.11b/g/n/ac/ax) devices. Use this access point for Wi-Fi devices that don't support 5 GHz.

! Your gateway supports band steering, a function that lets your gateway automatically select the best access point for each of your connected Wi-Fi devices.

If band steering is enabled both access points will appear as one.

Wi-Fi settings label

The label of your gateway provides useful information about your Wi-Fi network:

- The **Network Name**.
  This name is used to identify your Wi-Fi network. Some use the term SSID instead.
- The **Wireless Key**.
  This key is used to secure your Wi-Fi network. Only devices that use this key can connect to the Wi-Fi network. You can enter this key manually or configure it automatically using WPS.

! If band steering is disabled, each access point will have its own Network Name and Wireless Key.

Tips

To achieve optimal link quality:

- Always try to reduce the number of obstacles (especially walls) between your Wi-Fi devices to a minimum.
- Do not place your Wi-Fi devices in the neighbourhood of devices that cause interference (microwave ovens, cordless phones, baby monitors, etc.).

Connecting a Wi-Fi device using WPS Push Button Configuration (PBC)

1. Make sure that your Wi-Fi devices supports WPS PBC and you know how to start it. For more information, consult the documentation of your Wi-Fi device.
2. On your gateway, briefly press the **WPS** ( ) button and release it.
   The **WPS** ( ) LED starts blinking green slowly.
3. Within two minutes, start WPS PBC on your Wi-Fi device. You will probably have to do this in one of the following ways:
   - Press a WPS ( ) button on your Wi-Fi device.
   - Start WPS (PBC) on the user interface of your Wi-Fi device.
   - Open a list of available networks and select the **Network Name** mentioned on the label of your gateway.
4. After a few seconds, your Wi-Fi device should be connected.

! If the **WPS** ( ) LED becomes solid RED, then your gateway could not connect your Wi-Fi device. For more information, see *"The WPS LED is Solid RED" on page 6*.

Connecting a Wi-Fi device manually

On your Wi-Fi device, proceed as follows:

1 Open the list of available Wi-Fi networks and select the entry that contains the **Network Name** from the label.

2 Your Wi-Fi device will ask you to enter the Wi-Fi key or password.

3 Enter the Wireless Key reported on gateway label and wait for the device to be connected to the Wi-Fi network.

7. Configure your gateway to your needs (optional)

The gateway web interface allows you to configure your gateway using your web browser. To access the gateway web user interface:

1 Browse to http://192.168.1.1 on a computer or device that is currently connected to your gateway (either wired or over Wi-Fi).

2 You will be asked to insert user name and password. Default user name is **admin** and password is **ACCESS KEY** as indicated on the product label.

8. Troubleshooting

8.1. WPS troubleshooting

WPS does not start

Make sure that the Wi-Fi is on. You can check the gateway web interface. See *"7. Configure your gateway to your needs (optional)" on page 6* for more information.

The WPS LED is Solid RED

This indicates that your gateway could not connect to your Wi-Fi device.

Do the following:

1 Wait two minutes and then start WPS again.

2 Turn your gateway slightly and then try again.

3 Obstructions may deteriorate the signal strength. Try to minimize the number of walls between the two devices and then try again.

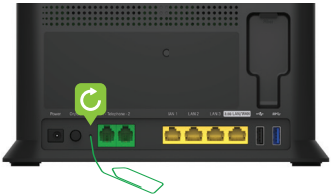
4 Move the devices closer to each other and then try again.

8.2. How to reset your gateway

If at some point you want to restore the default settings, proceed as follows:

1 Make sure that your gateway is turned on.

2 Use a pen or an unfolded paperclip to push the recessed **Reset** button on your gateway for ***at least 10 seconds*** and then release it.



3 Your gateway restarts and applies the factory default settings.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

9. FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

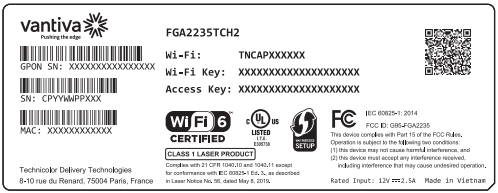
FCC Note:

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information

This device meets the government's requirements for exposure to radio waves.
This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 26 cm during normal operation.

10. Device Label



Serial Number Rules:

SN: CPYYWWPPXXX

CP: fixed

YY: year

WW: week

PP: 2 letters indicating factory code, "AD" and "AQ" represent T&W Vietnam factory

XXX: alphanumeric combination (O, X and I not used)

11. Installation Note

Human proximity to the gateway shall not be less than 26 cm during normal operation.

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