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Inseego Wavemaker™
5G indoor router FX2000
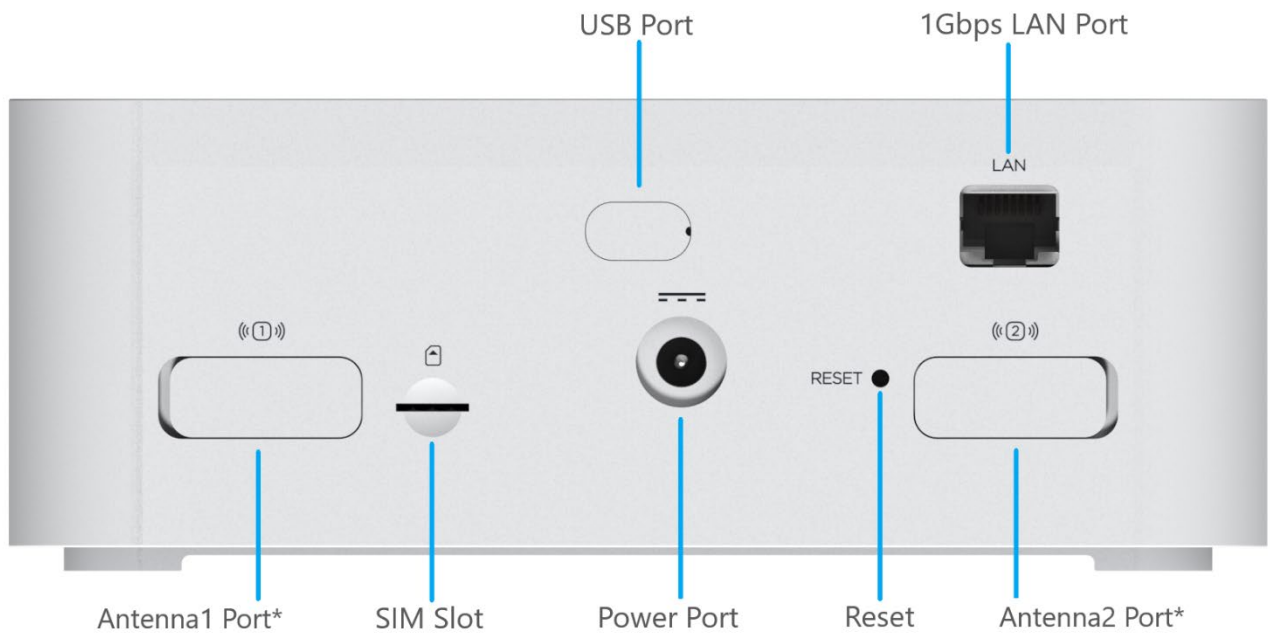
This guide provides instructions for setting up, connecting, and configuring your 5G Indoor Router FX2000.

Top view

Multicolor LED

LED color		Operation	Meaning
Blue	●	Solid	Strong 5G connection (3 – 5 bars)
		Blinking	Weak 5G connection (1 – 2 bars)
Green	●	Solid	Strong 4G connection (3 – 5 bars)
		Blinking	Weak 4G connection (1 – 2 bars)
White	○	Blinking	Factory reset
Yellow	●	Solid	Software update is in progress
Red	●	Solid	Router is booting up
		Blinking	No service, SIM error, or locked SIM card

Back view

USB Port   1Gbps LAN Port

LAN

RESET

Antenna1 Port*   SIM Slot   Power Port   Reset   Antenna2 Port*

* Antenna ports are for external 3.4-5GHz antennas supporting high sub-6 bands (CBRS and C-band). For most users, there is no benefit to attaching external antennas.

Setting up your FX2000

Step one: install the SIM card

If you received the FX2000 from your service provider, the device manufacturer may have pre-installed the SIM card. Please inspect the SIM slot on the back of the device to confirm.

- Use the included SIM tool to insert a Nano 4FF SIM card into the appropriate SIM slot on the back of the device.
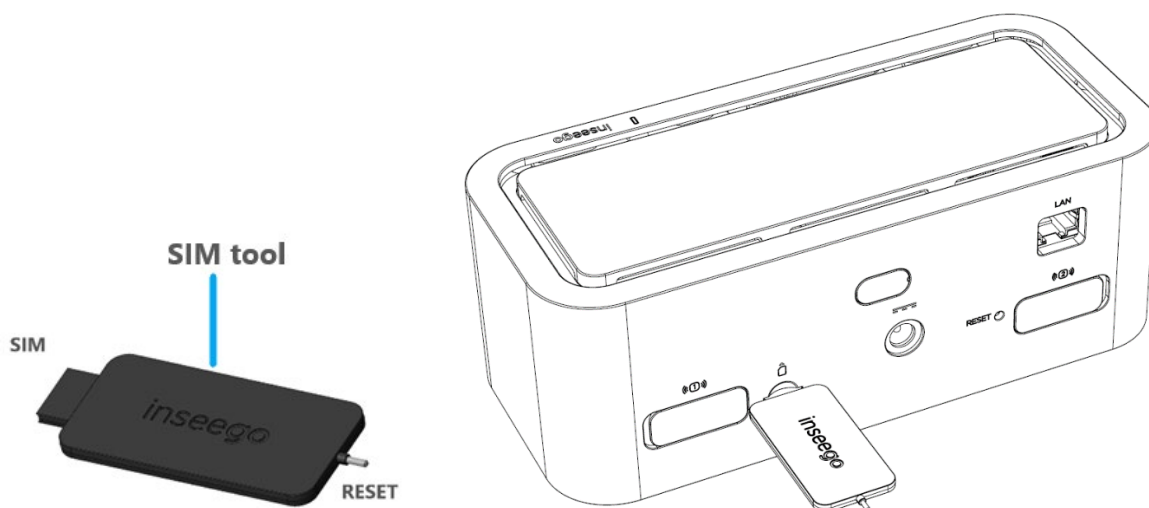
NOTE: If necessary, remove the SIM from its protective sleeve, being careful not to touch the gold-colored contact points. **Insert the SIM card notch first, with the contact points facing down.**

This device supports only Nano SIM cards.

Step two: power on the FX2000

- Plug the power cord into the router power port and plug the power adapter into an AC wall outlet.

  WARNING: Be sure to use the power adapter that came with your device to avoid damage that may void the warranty.

Step three: identify a location for your FX2000

- Scan the QR code to install the Inseego Mobile™ app from AppStore or Google Play, or visit https://inseego.com/inseego-connect-get-app to download the App.
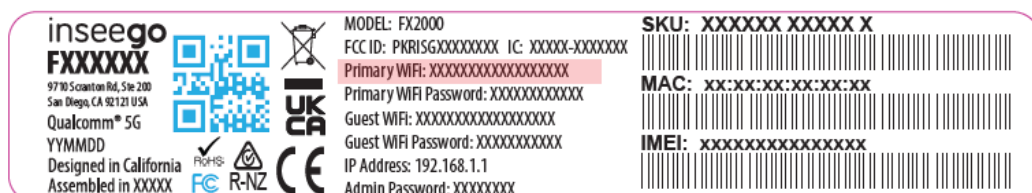
- Follow instructions within the Inseego Mobile app to connect to the FX2000 and perform a location survey to identify the ideal location for your 5G indoor router.

 **NOTE:** Make sure to place your 5G indoor router on a sturdy surface.

Connecting to a wireless device

To wirelessly connect a Wi-Fi-capable device (such as a PC, laptop, tablet, or phone) to your 5G Indoor Router for the first time:

1. Make sure the 5G indoor router is powered on and the indicator LED is blue or green.

2. On the device you want to connect to the Internet, open the Wi-Fi settings or application, and in the displayed list of available networks find the **Primary Wi-Fi network name** printed on the bottom of your FX2000.

Label detail:

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FXXXXXX
9710 Scranton Rd, Ste 200
San Diego, CA 92121 USA
Qualcomm® 5G
YYMMDD
Designed in California
Assembled in XXXXX

MODEL: FX2000
FCC ID: PKRISGXXXXXXXX IC: XXXXX-XXXXXXX
Primary WiFi: XXXXXXXXXXXXXXXXX
Primary WiFi Password: XXXXXXXXXXXX
Guest WiFi: XXXXXXXXXXXXXXXXX
Guest WiFi Password: XXXXXXXXXX
IP Address: 192.168.1.1
Admin Password: XXXXXXXX

SKU: XXXXXX XXXXX X

MAC: xx:xx:xx:xx:xx:xx

IMEI: xxxxxxxxxxxxxxx

3. Click **Connect** or otherwise select the network name.

4. When prompted, enter the **Primary Wi-Fi password** printed on the bottom of the FX2000.
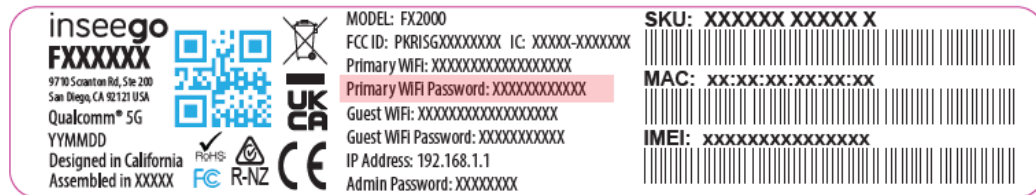
You can change the default name or password to something easier to remember.

Your Wi-Fi capable device is now connected to the Internet.

Monitoring and managing your 5G indoor router

You can use multiple options to monitor and manage your 5G indoor router:

Inseego Mobile app - Use the same mobile app you used to find a location for your FX2000 to perform basic device monitoring and management.

Admin web UI - Access the Web UI at http://192.168.1.1 or http://inseego.local/ for a full set of device management features.

Inseego Connect™ - Go to **connect.inseego.com** to sign up for a free Inseego Connect account, which provides the fullest experience for monitoring and managing FX2000 devices from virtually anywhere in the world with access to a web browser.

NOTE: The initial Admin Web UI and Wi-Fi passwords are printed on the label of your device. It is strongly recommended to change your passwords before using your 5G Indoor Router.

Restoring Factory Settings

To restore factory settings, follow these steps:

1. Verify that your 5G Indoor Router is powered on.

2. Locate the RESET opening on the back of your router.

3. Place the RESET end of the provided SIM tool (or one end of an unfolded paper clip) into the RESET opening and press down for approximately five seconds until the device resets.

SIM End

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RESET End

NOTE: When performing the factory reset, any changes made to settings will be lost.

Additional information

Inseego Mobile app requirements

Smartphone or device on iOS 13 or above, or Android 9.0 or above.

System requirements

Any device with Wi-Fi capability and an Internet browser. The FX2000 is compatible with all major operating systems.

Approved firmware versions

This device will only operate with firmware versions that have been approved for use by your service provider and the device manufacturer. If unauthorized firmware is placed on the device, it will not function.

5G

Not all devices, signals, or uses are compatible, check device specifications. See your service provider's website for 5G coverage, access, and network management details.

Information about safeguarding devices

We encourage customers to take appropriate measures to secure their devices and invite them to take advantage of the features available on this device to help secure it from theft and/or other unauthorized access and use. This device has a locking function (e.g., user-defined codes or patterns) that can serve as a first line of defense against unauthorized use or access to stored information. Preloaded security applications that allow customers to track or locate misplaced devices can be found on several devices. Lost or stolen devices should be immediately reported to your service provider so that proper measures can be taken to protect accounts. For additional information, visit your service provider's Privacy Policy.

Support and more

More information

To access a User Guide, go to https://www.inseego.com/download/fx2000-userguide-telstra.pdf. Or, from the FX2000 web UI, select Help > Customer Support > User Guide.

Customer service and troubleshooting

Please reach out to your service provider.

WARNING: DO NOT ATTEMPT TO SERVICE THE WIRELESS COMMUNICATION DEVICE YOURSELF. SUCH ACTION MAY VOID THE WARRANTY. THE ROUTER IS FACTORY TUNED. NO CUSTOMER CALIBRATION OR TUNING IS REQUIRED. CONTACT INSEEGO TECHNICAL SUPPORT FOR INFORMATION ABOUT SERVICING YOUR WIRELESS COMMUNICATION DEVICE.