



## FAST AND RELIABLE CONNECTIVITY WITH THE INSEEGO WAVEMAKER™ PRO 5G INDOOR ROUTER FG2000

### About Inseego

As a U.S.-based company, we design and develop all of our products in the USA and hold them to the highest security standards. Our products and solutions are trusted by top tier carriers, government entities, and Fortune 500 enterprise customers.



### Boundless performance

The 5G FG2000e indoor router offers a gigabit-class<sup>1</sup> fixed wireless solution with high performance RF and antenna design using Qualcomm's Snapdragon SDX55.

### Advanced router functionality

Concurrently connects 128 devices with dual-band Wi-Fi 6, 4x4 MIMO, and multiple Ethernet LAN ports for high powered data usage and versatility to fit your business needs.

### High availability with dual SIM

Support for up to two carrier SIMs and auto switching between cellular networks and Ethernet WAN. Multi-carrier firmware allows the FG2000e to be used on most major global carriers.

### End-to-end security

FG2000e provides OpenVPN, IPsec VPN, and access control. Additionally, enterprise-grade Inseego Secure offers end-to-end device security, threat identification, monitoring and alerts to protect against the latest malware, ransomware, spyware attacks.

### Inseego Connect™ Advanced

Our Inseego Connect Advanced platform provides in depth device management capabilities, diagnostics, and ability to remotely manage a fleet of devices from a single dashboard.

# 5G FG2000e PRODUCT SPECIFICATIONS

## Network connectivity<sup>2</sup>

- 5G sub-6 GHz
- 4G LTE Cat 22
- 4x4 MIMO sub-6 GHz
- 256 QAM sub-6 GHz
- HSPA+/UMTS
- CBRS

## Wi-Fi

- 802.11 a/b/g/n/ac/ax
- Wi-Fi 6 with 4x4 MU-MIMO
- Real simultaneous dual-band Wi-Fi
- Multiple SSID/guest Wi-Fi support
- Supports up to 128 Wi-Fi enabled devices

## Chipset

- Qualcomm® Snapdragon™ SDX55

## Ports

- 2x LAN 1 Gbps
- 1x WAN 1 Gbps
- 1x external antenna (1x2 TS-9)
- RJ11 for VoLTE<sup>2</sup>

## Location

- Standalone and assisted GPS

## SIM

- Dual SIM, (2) Nano 4FF SIM slots
- Multi-carrier support with auto-switching

## Dimensions & weight

- 230 mm x 76 mm x 172.5 mm (9" x 3" x 6.8")
- 1675 g (59 oz)

## Operating temperature

- 0°C to 45°C (32°F to 113°F)

## Languages supported

- Arabic, English, Spanish, French, German, Italian
- Japanese<sup>3</sup>

## Security

- Inseego Secure™<sup>3</sup>
- OpenVPN/IPsec VPN
- Access control
- Advanced firewall
- Configurable DNS
- MAC address filtering
- NAT firewall
- Port forwarding
- Port filtering
- Wi-Fi security
  - Wi-Fi security (WPA/WPA2/WPA3)
  - Wi-Fi Protected Setup (WPS 2.0)
  - Wi-Fi privacy separation
  - Wi-Fi on/off control
- Secure boot
- Admin security
  - AES 256 encryption
  - Security hardened web interface
  - Password hash
  - Session timeout
  - Incorrect password lockout
- Encrypted configuration backup/restore
- Anti CSRF (OWASP)

## Standards /approvals /certifications

- FCC/ISED/CE/UKCA/RCM/RSM/CITC/CITRA/TRA UAE/TRA Bahrain
- MIC<sup>3</sup>
- GCF/PTCRB
- Wi-Fi Alliance
- WEEE/RoHS/REACH



X55 5G modem-RF system

**For more information:** [sales@inseego.com](mailto:sales@inseego.com)

**Visit our website:** [inseego.com](http://inseego.com)

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<sup>1</sup>Theoretical values, speeds achieved by connected devices vary based on network coverage, Wi-Fi connection and device capability.

<sup>2</sup>Data plan required. Coverage subject to network availability.

<sup>3</sup>Future release.

PN 14945382 Rev 4

The Inseego logo, consisting of the word "inseego" in a lowercase, sans-serif font. The letter "o" at the end is stylized with a blue-to-white gradient and a slight shadow effect.