



SUPERIOR WIRELESS INDOOR ROUTER CONNECTIVITY WITH THE INSEEGO WAVEMAKER™ PRO 5G FG2000e

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-class¹ 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, multiple Ethernet LAN ports up to 5 Gbps LAN port for high powered data usage for versatility to fit your business needs.

High Availability with Dual SIM

Support for up to 2 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 Connectivity²

- 5G Sub6 Only or Sub6 + mmW
- 4G LTE CAT 22
- 4x4 MIMO Sub6, 2x2 MIMO mmW
- 256 QAM Sub6, 64 QAM mmW
- 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

Ports

- 3x LAN 5/ 1/ 1 Gbps
- 1x WAN 1 Gbps
- RJ11 for VoLTE²

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)

Chipset

- Qualcomm® Snapdragon™ SDX55

Qualcomm
snapdragon



X55 5G modem-RF system

Language Supported

- Arabic, English, Spanish
- French, German, Italian, Japanese³

Security

- Inseego Secure™³
- 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
 - Block Factory Reset
- Encrypted Configuration Backup/Restore
- Anti CSRF (OWASP)

Standards /Approvals /Certifications

- FCC/GCF/PTCRB
- CE/ISED/CITRA/CRA/CITC/ECAS/TRA/RCM/MIC³
- WiFi Alliance

Environmental Standards

- WEEE
- RoHS
- REACH

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

² Data plan required. Coverage subject to network availability.

³ Future release.

PN 14945382 Rev2

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