BRINGING FAST 5G CONNECTIVITY TO MORE CUSTOMERS
INSEEGO WAVEMAKER™ 5G OUTDOOR MODEM FW2000

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.

High gain antennas
Sophisticated antenna array delivers up to 14dbi gain to achieve longer range and higher all-around data throughput at all distances.

Fast 5G connectivity
Delivers fast 5G speeds, higher bandwidth and low latency to more suburban and rural customers.

Advanced security
Strong security, encryption, and third party penetration testing ensure protection of customer data.

Device management + Inseego Connect™
Convenient remote device management capabilities for a single device included, plus tiered upgrade options for advanced device management, monitoring and diagnostics for multiple devices from a single dashboard.

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5G FW2000 Product Specifications

Connectivity

- 5G Sub6
- 4G LTE CAT 22
- 4x4 MIMO Sub6
- 256 QAM Sub6

Bands Supported

- 5G NR: n1/n2/n3/n5/n7/n12/n20/n25/n28/n38/ n40/n41/n46/n48/n66/n71/n77/n78
- 4G LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/ B17/B20/B25/B26/B28/B29/B30/B32/B38/B39/ B40/B41/B42/B43/B46/B48/B66/B71
- Band support varies by regional SKU

Chipset

- Qualcomm® Snapdragon™ SDX55

Ports

- (1) 5Gbps Ethernet LAN Port

LED Indicators

- (1) Power and status LED

Power

- Power over Ethernet (PoE)

Hign Gain Antennas

- 14dBi: 3.3GHz - 4.2GHz
- 12dBi: 1.7GHz - 2.7GHz
- 5dBi: 1.5GHz
- 0-4dBi: 600MHz - 1.0GHz

Included Accessories

- Mounting bracket
- PoE injector
- SIM tool

Dimensions & Weight

- 430mm x 400mm x 71.7mm (16.9" x 15.75" x 2.8")
- 4.22 kg (9.3 lbs)

Operating Temperature

- -30°C to 70°C (-22 to 158°F)

Environmental

- IP67 rating for water and dust ingress protection
- Internal heating element for startup and operation in cold environments

SIM

- Nano 4FF SIM Slot

Web UI Operating Systems Supported

- Windows 10 and later
- MacOS 10.14 and later
- Linux® Ubuntu 18.04 LTS and later

Security

- Inseego Secure™ compatible
- 3rd party cybersecurity penetration testing verified
- Security hardened web interface
- Password hash
- Anti-CSRF
- Session timeout
- Incorrect password lockout
- MACsec encryption

Standards /Approvals /Certifications

- FCC/GCF/PTCRB
- CE/ISED/MIC/RCM-ACMA**
- Bluetooth SIG

Environmental Standards

- RoHS/WEEE/REACH

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