BRINGING FAST 5G CONNECTIVITY TO MORE BUSINESSES
INSEEGO WAVEMAKER™ PRO 5G OUTDOOR CPE FW2000E

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 networking and security

Advanced networking features including Secure Firewall, DMZ, MAC Filtering, IP Passthrough, VPN Passthrough, Manual DNS, Port Filtering and Port Forwarding.

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.

Dual SIM, multi-carrier support

Support for up to 2 carrier SIMs and auto-switching between carriers. Multi-carrier firmware allows the FW2000e to be used on most major global carriers.

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5G FW2000e Product Specifications

Network Connectivity*

- 5G sub-6 GHz
- 4G LTE Cat 22
- 4x4 MIMO sub-6 GHz
- 256 QAM sub-6 GHz

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) - 802.3bt Type 3

High Gain Antennas

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

Accessories

- PoE injector (included)
- SIM tool (included)
- J-arm mount (optional, sold seperately)
- Wall mount (optional, sold seperately)
- Pole mount (optional, sold seperately)

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

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

Web UI Operating Systems Supported

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

Security

- 3rd Party cybersecurity penetration testing verified
- Security hardened web interface
- Password hash
- Anti-CSRF
- Session timeout
- Incorrect password lockout
- IP passthrough
- Firewall with adjustable settings and rules
- Port filtering, port forwarding, MAC filtering

Standards /Approvals /Certifications

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

Environmental Standards

- RoHS/WEEE/REACH

Qualcomm
snapdragon
X55 5G modem-RF system

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