TECHNOLOGY: 5G mmW & sub-6, 4G LTE Cat 22, 5Gbps Ethernet



ULTRA FAST, HIGH POWER 5G MMWAVE CONNECTIVITY

INSEEGO WAVEMAKER™ PRO 5G OUTDOOR CPE FW2010e

Why 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.



Ultra-fast 5G mmWave

5G mmWave provides multi-gigabit download speeds for the heaviest data consuming applications on numerous devices.*

Extended network coverage

High-power 5G mmW radio extends network coverage up to 4.3 miles (7 km) and lowers the cost of deploying gigabit broadband services.

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 FW2010e to be used on most major global carriers.

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5G FW2010e Product Specifications

Connectivity
- 5G sub-6 GHz and mmWave
- 4G LTE Cat 22
- 2X2 MIMO mmWave
- 4x4 MIMO sub-6 GHz
- 4X4 MIMO LTE

Bands supported
- 5G mmW: n257, n258, n260, n261
- 5G Sub6: n1, n2, n3, n5, n7, n8, 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

Chipset
- Qualcomm® Snapdragon™ SDX55
- QTM527 antenna module

Ports
- (1) 5Gbps Ethernet LAN port

LED indicators
- (1) Power and status LED

Power
- Power over Ethernet (PoE)

mmWave antennas
- QTM527-1/2
- 64-element phased array
- 44-45dBm Min Peak EIRP

LTE/sub-6 antennas
- 3-4dBi, 3.3GHz - 4.2GHz
- 2-3dBi, 1.7GHz - 2.7GHz
- 0-4dBi, 600MHz – 960MHz

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
- 300mm x 200mm x 90mm, (11.8″ x 7.9″ x 3.5″)
- 8.3 lbs (3.8 Kg)

Operating temperature
- -20°C to 60°C (-4°F to 140°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

Web UI operating systems supported
- Windows® 7, 8, 10
- Mac OS® X 10.10 or higher
- Linux® Ubuntu 14.04 or higher

Security
- 3rd party cybersecurity penetration testing verified
- Security hardened web interface
- Password hash
- Anti-CSRF
- Session timeout
- Incorrect password lockout

Standards /approvals /certifications
- FCC/CE/RCM-ACMA
- GCF/PTCRB/Bluetooth SIG
- RoHS, WEEE, REACH

For more information: sales@inseego.com
Visit us our website: inseego.com

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* Data plan required. Coverage and speeds subject to network availability.

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