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

- Pole Mount 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 (Dual Sim)

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/R-NZ
- Bluetooth SIG

ENVIRONMENTAL STANDARDS

- RoHS/WEEE/REACH

M Series M2000

Ignite your mobile broadband

Outdoor 5G CPE for super fast mobile internet

Get fast mobile internet using the M2000 Outdoor 5G CPE's. Created with speed and quality in mind, this outdoor product incorporates the latest QUALCOMM 5G module and an advanced MIMO antenna system integrated in a waterproof casing.

The M2000 aims to bring reliable internet to residential, business, industrial or IoT applications where cable-based internet is not available, or speed is lacking.

Designed to go on the roof of a building, the CPE is powered by a single ethernet cable for simple and easy installation. Indoors the CPE can be connected directly to a computer, network switch or a WiFi access point to provide high speed internet to devices within range.

The M2000 is equipped with 5G Cat22 4x4 MIMO technology. When this advanced technology is combined with a built-in high gain antenna on top of a building, the M2000 is the best in its class for internet speeds and reliability.

Cellferno

M2000

Cat22 - Speeds up to 2.5Gbps
5G & 4G LTE

FEATURES

- All carrier bands supported
- Highest quality components for speed and reliablity
- Built in high gain MIMO antennas
- IP67 waterproof casing
- Powered by PoE (Power Over Ethernet)
- Inseego Mobile App for setup & management

- Carrier grade quality
- Steel pole mounting hardware
- Advanced network features, security & encryption
- Web interface
- Built in heater for melting ice or snow
- Inseego Connect – Cloud based management & monitoring

PACKAGE CONTENTS

- Cellferno Outdoor CPE
- 240V Mains Power Supply
- PoE Injector
- Quick Install Guide
- Pole Mount Bracket

Innovated by **powertec**

Cellferno

Residential
Providing mobile fixed wireless internet to homes.

3G

Commercial
Mobile broadband can be used as a primary or as a failover internet source if landline connections fail.

4G

APPLICATIONS

Industrial
If a factory or plant is in a location where landline based internet is not fast enough, mobile fixed wireless can be used.

IoT
For IoT applications in remote areas, mobile broadband is often the ideal backhaul internet source.

Innovated by **powertec**