Specifications

Power
- 9.6–16.5V
- 2A current draw
- 16W nominal power consumption

Environmental
- Operating temperature: 0° to 65°C
- Convection Cooling
- Relative humidity: 0% to 95%, noncondensing
- RoHS 2 (European and China compliant)
- WEEE
- NEMA 4
- Surface Temp at any point (30° ambient): 53°C

Installation
- Mounting hardware included

Radio Performance

The GO system can boost up to two (2) bands concurrently. Either profile can be selected:

A) One (1) high band boost and one (1) low band boost or
B) Two (2) high bands boost

Antenna Ports *(Donor and Server)*
- 699–2180 Mhz
- Impedance: 50 Ohm
- Return Loss: 8 dB
- Output Protection

Physical Specifications

GO M/X	GO
96.5×43.25×272.5 mm	87×28×255 mm
850 g	600 g

DC Power Plug and Jack
- NEMA 4 rated power plugs and jack

Compliance *(check individual product version for specific regional compliance)*
- 3GPP TS 25.143 Rel.10
- 3GPP TS 36.143 Rel.10
- FCC Part 15, 20, 22, 24, 27
- IC (Industre Canada)
- Bluetooth BQB
- CE

System Management *(software)*

Supports Cel-Fi WAVE cloud portal

Cel-Fi WAVE Portal capability:

- Status (list and map)
- Commissioning
- Diagnostics
- Software Updates
- Settings
- Reporting
- Alarms & Notifications

Model: *(G32-2/4/5/12/13M) (G32-2/4/5/12/13X)*

Band	Name	Downlink		Uplink	
2	1900 PCS	1930	1990	1850	1910
4	AWS-1	2110	2155	1710	1755
5	850	869	894	824	849
12	700 a	729	746	699	716
13	700 c	746	756	777	787

Model: *(G32-1/3/5/7/8/20M) (G32-1/3/5/7/8/20X)*

Band	Name	Downlink		Uplink	
1	2100	2110	2170	1920	1980
3	1800+	1805	1880	1710	1785
5	850	869	894	824	849
7	2600	2620	2690	2500	2570
8	900	925	960	880	915
20	800 DD	791	821	832	862

Antenna Options

Cel-Fi Mobile Mag Mount Antenna

Cel-Fi Mobile Server Antenna

Cel-Fi Trucker Antenna

Cel-Fi Marine Antenna

Cel-Fi Wideband Panel Antenna

Cel-Fi Wideband Directional Antenna

Cel-Fi Whip Antenna

Cel-Fi Indoor Omni Antenna

CEL-FI™ GO M/GO X

Smart Cellular Coverage

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NEXTIVITY

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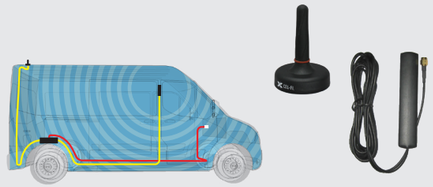
CEL-FI GO

Model No: G32

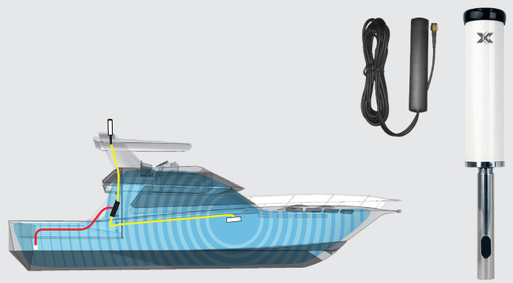
The Cel-Fi GO Smart Signal Booster is designed to improve cellular coverage in mobile, in-building, outdoors, and M2M applications. Cel-Fi GO uses Nextivity's award-winning, network-safe technology to dramatically improve voice and data coverage in up to two bands for 3G, 4G, and LTE. The Cel-Fi GO Smart Signal Booster can produce up to 100dB of system gain in stationary mode and up to 65/70 dB of gain in mobile mode. Cel-Fi GO is cost efficient and easy to deploy by an installer, and can be optimized and monitored by the Cel-Fi WAVE Platform. The Cel-Fi GO is the first carrier-class NEMA 4 indoor / outdoor cellular coverage solution to feature industry leading system gain and Nextivity's unconditionally network safe guarantee. It is the highest-performing, most powerful and safest booster in it's class.

- **Maximum Gain**: Industry Leading 3G/4G/LTE Voice and Data (65 db Mobile / 100 dB Stationary)
- **Best Performance**: Smart Signal Booster with IntelliBoost® Chipset Smart Technology
- **Cellular Coverage**: Multi-User Mobile or Stationary Modes for Buildings, Residential, Remote, Vehicle, Trucking, RV, and Marine
- **Ease of Setup**: 6 Steps for Installers and Maximized by AntennaBoost™
- **Cel-Fi WAVE**: Setup and Change Modes & Carrier App
- **Weather Resistant**: Indoor/Outdoor NEMA 4 / IP 66 Rated
- **Network Safe**: Carrier Approved

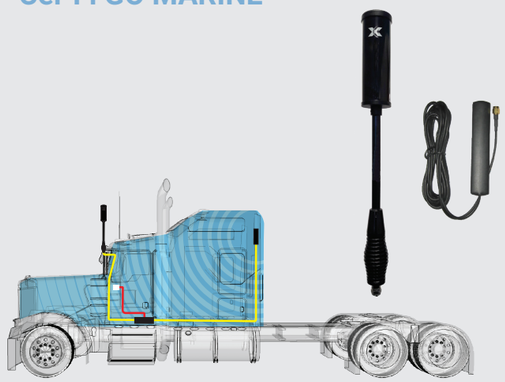
Solutions Available:



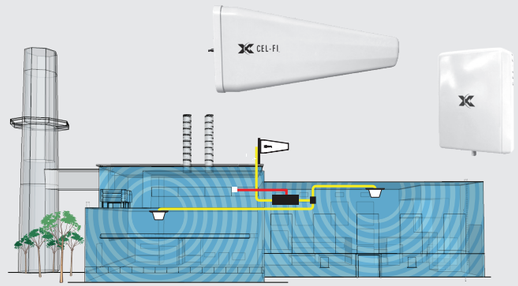
Cel-Fi GO M



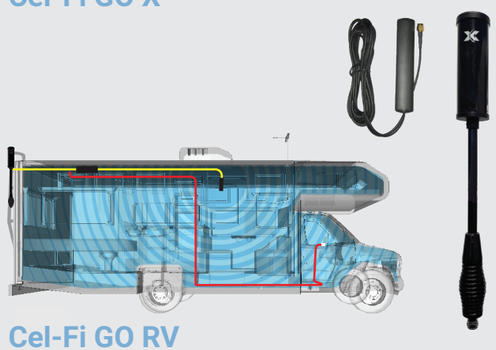
Cel-Fi GO MARINE



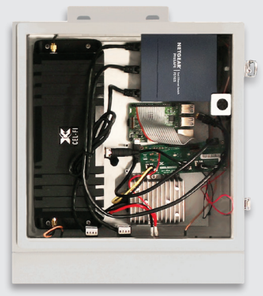
Cel-Fi GO TRUCKING



Cel-Fi GO X



Cel-Fi GO RV



Cel-Fi GO RMOE

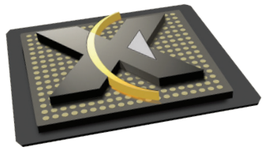
The Building Blocks

Cel-Fi WAVE Portal

- Cel-Fi device and asset management
- Data modeling and reporting
- Mobile and computer applications
- Globally trusted carrier-grade security
- Users can access the Cel-Fi WAVE portal through the dashboard interface, or integrate it via APIs

Network Safe

Self-organizing edge intelligence ensures that Cel-Fi GO do not interfere with other indoor wireless products such as Wi-Fi routers, Small Cells, and Distributed Antenna Systems (DAS). High speed Automatic Gain Control ensures that Cel-Fi GO are unconditionally network safe, and enables more simultaneous calls and higher data speeds.



IntelliBoost™ Chipset

The Nextivity IntelliBoost® baseband processor is the first six-core processor designed specifically to optimize the indoor transmission and reception of 3G/4G/LTE wireless signals. With advanced filtering, equalization and echo-cancellation techniques, Nextivity has developed an architecture which delivers unprecedented in-building data rates and pervasive 3G/4G/LTE connectivity. The IntelliBoost processor ensures that Cel-Fi products never negatively impact the macro network while providing maximum coverage.

Benefits

Cel-Fi GO M Mobile Mode: For on the road or on board, built for Mobile Usage This multi-carrier solution is ideal for trucks, vehicles, RVs, and boats.

Indoor / Outdoor Rating: The Cel-Fi GO has a rugged design to withstand harsh conditions including dust and water exposure. Cel-Fi GO utilizes nanotechnology to produce a thin film coating across the entire PCB assembly. This coating, combined with an industrial design for harsh conditions, enables the device to support weather conditions that include water, dust, and dirt.

Change Modes and Carriers: Expand Capability and change operators with Cel-Fi WAVE. Change Mode by switching between Mobile Mode (65/70 dB) and Stationary Mode (100 dB). Connect to Cel-Fi GO with Bluetooth LE from the smart phone, as the Server Antenna supports the Bluetooth link.

Cel-Fi GO X Stationary Mode: For Buildings and Remote Places, built for Indoor / Outdoor touvgh to reach spaces. This multi-carrier 100dB solution is ideal for use in commercial properties, government buildings, agricultural settings, small manufacturing operations, rural areas, businesses, and large homes.