

**Bittel Device**

Bittel

All-in-one SATCOM C4I - Multi-Purpose

Bittel is a portable, high-performance two-way L-Band satellite communicator. Built for on-the-go operation, it ensures reliable connectivity beyond the line-of-sight range of cellular and LMR networks.







In both rural and urban environments, land, sea or air, Bittel delivers exceptional communication capabilities - without requiring a clear sky or direct line of sight to the satellite.

Leveraging global GEO satellites coverage, Bittel provides users worldwide with a real-time, essential connectivity solution - compact, flexible, and ready to be carried or mounted anywhere, anytime, even in the harshest conditions.





Bittel is available in a handheld version (carried-on) and mobile version (mounted). Powered by Commcrete's advanced narrowband core technology, Bittel functions as a standalone communication device within a tactical network.

It can also be integrated as a chip-set into various systems, supporting a wide range of applications across both tactical and global networks, ensuring seamless and reliable connectivity everywhere.








Bittel Features





-  Global GEO Satellites
-  Two-way communication
-  Emergency SOS
-  GPS (Blue Force Tracking)
-  User interface by mobile app
-  Wireless connectivity by Bluetooth

Bittel supports multiple use cases, functioning either as a standalone device or as an integrated chipset:

-  Communicator for travelers
-  Automotive & Mobility
-  Drones & UAV's
-  Sensors & Monitoring

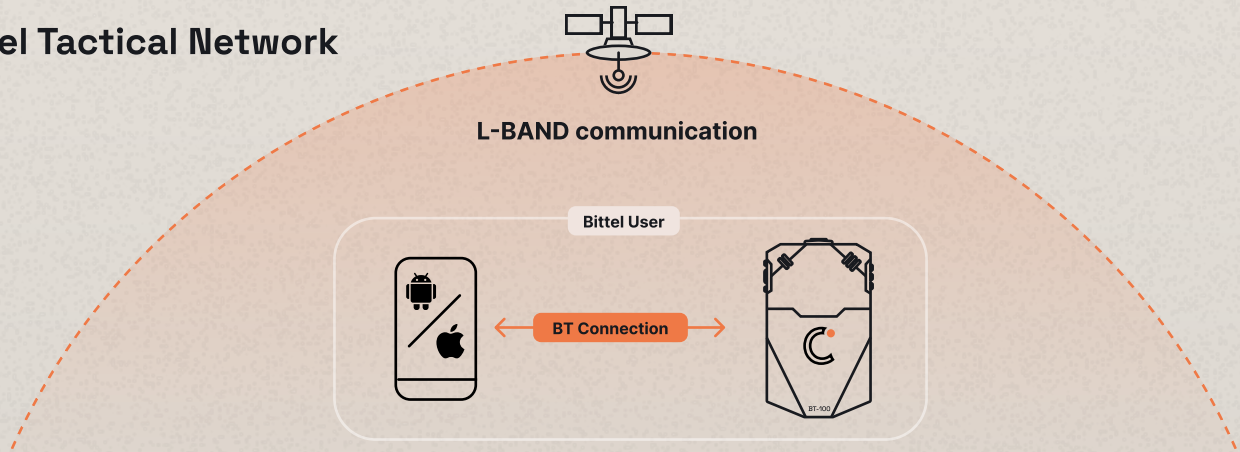
Bittel Specifications	
Battery Type	Rechargeable, built-in lithium-ion battery
Battery Life	6-24 hours <small>*(depends on device settings)</small>
IP Rating	IP67
RF Output (PTT)	2 Watts
Operating temperature range	-20° to 60°C (-4° to 140°F)
Charging temperature range	6-24 hours
Physical	0° to 45°C (32° to 113°F)
Wireless Interface	99mmx60mmx20mm, 200 grams
Wireless Interface	Bluetooth (ver 4.2)
Wire Interface (DC Power + Comm)	USB Type C

Bittel Features			
 Global Inmarsat® Satellites	 Two-way text messaging	 Emergency SOS	 GPS (Blue Force Tracking)
 Pairs with mobile devices	 User interface by mobile app	 Wireless connectivity by Bluetooth	

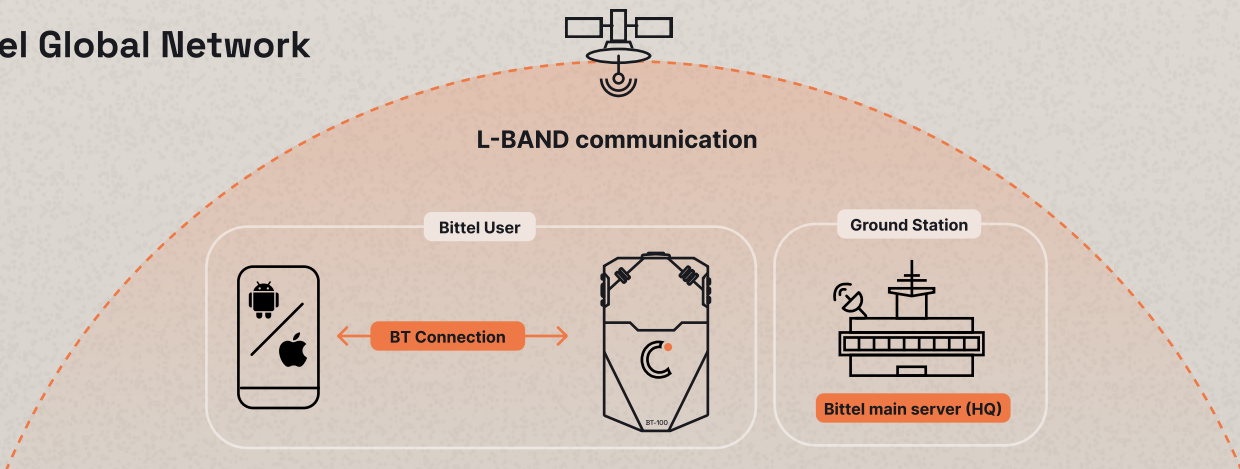
Bittel supports multiple use cases, functioning either as a standalone device or as an integrated chipset for seamless connectivity:			
 Military & Civil	 Automotive & Mobility	 Drones & UAV's	 Sensors & Monitoring

Connectivity Options

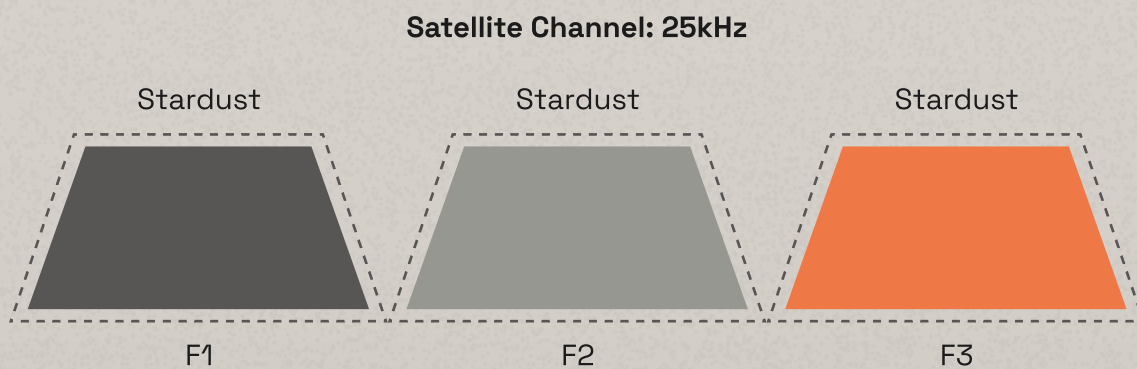
Bittel Tactical Network



Bittel Global Network



Channel Bandwidth



Contact us

info@commcrete.com
<https://commcrete.com>