



BI LOC8®

Track offender location and movement in near-real time



Key Features

Tracking Unit

- Size: 4.125 x 2.5 x 1.25 inches
- Weight: with battery, strap – 6 oz
- LTE and CDMA cellular network connectivity
- Form & Fit: curves to leg
- Waterproof to 15 feet
- Flash memory
- Internal diagnostics
- Cordless battery charging
- LTE and CDMA cellular network connectivity
- 24 hours of battery life on a single charge
- Fiber optic strap
- Wi-Fi indoor/secondary tracking
- Accelerometer/MEMS motion sensor
- Memory of 50,000 events
- Client communication (Spanish and English): vibration, speaker, LEDs, audible alarms, client acknowledgement
- Multiple layers of tamper detection
- Customizable reporting rate

Online Monitoring

- Designed for community corrections officers
- 24/7/365 online access
- Easy to learn and use
- Customized home page
- View caseloads at a glance
- Mapping playback



The Next Generation of GPS Offender Tracking from BI

BI LOC8® provides officers the flexibility to customize when and how they receive offender location data while incorporating the newest technology available to ensure the data and alerts they receive are accurate – all in one piece of equipment for easy installation and inventory management. LOC8 is a light, compact, one piece, ankle-mounted device that tracks offender location and community movement in near-real time (as frequent as every 15 seconds). In standard operation, LOC8 searches for a location fix multiple times per minute, and records the best point every minute. The GPS location technology includes Assisted, Autonomous GPS and CellLocate® for optimal performance in various impaired GPS locations, along with the ability to utilize Wi-Fi signals.

LTE Capability

With GSM and CDMA network technology becoming obsolete in the next few years, BI has equipped LOC8 with Long-Term Evolution (LTE) technology to meet customers' future network needs. The technology uses different radio interfaces with a core network to improve data capacity and transfer speed, provide an extended battery life, and increase network longevity with a minimum of 10 years of network availability.

Wi-Fi – Indoor Tracking & Secondary Location

Using Application Programming Interface (API) calls from the host at BI, an offender tracking device sends in Wi-Fi data, and the host receives a longitude/latitude coordinate back to render a location on the map.

Client Communication Options

The built-in speaker provides the capability for officer-offender communication. Officers generate pre-recorded messages and prompts within the monitoring software and specify when messages should be sent. The vibration sensor notifications are acknowledged by the offender tapping the device case.

Removable Battery for Cordless Charging

LOC8 is equipped with a removable battery, allowing offenders to remove and insert it into an external charger while installing a fully charged battery. Offenders have the option of carrying a spare battery and replacing a low battery in seconds if needed.

Beacon Option

Agencies can pair LOC8 with our compact Beacon, an encrypted RF link in an offender's home. When LOC8 enters the beacon range, the RF link activates and the LOC8 tracking unit enters a lower power state. When LOC8 no longer detects the Beacon, it immediately returns to GPS acquisition.

Intuitive Monitoring Software

BI TotalAccess® is a single software interface that includes case management, analytical tools, and a dynamic mobile app. Officers with GPS caseloads can access industry-leading mapping technologies integrated with BI TotalAccess. Google Maps® enables officers to easily build zones, track client movements, and identify issues requiring immediate attention. Officers can quickly see an offender's GPS points and location history in 2D and 3D views.

Call 800.701.5171 today to schedule a product demo.