



## Real-Time & Relevant Asset Management.

Built upon the award-winning SkyBitz® GXT3000 solution, the GXT3102B is a custom-built asset management solution that provides accurate, realtime data to enable business managers to make big decisions that impact the bottom line. It is ideal for operations that require frequent reporting on the status of mobile assets for increased visibility, security and utilization. The GXT3102B operates on a cellular network and provides seamless North American cross-border coverage.

The GXT3102B can provide frequent and relevant reporting that is configurable to each user's needs. Asset location data can be reported up to once every 15 minutes. Moreover, real-time data can be requested from the unit on-demand and it can also be programmed over-the-air, which allows customers to update reporting frequency and behavior.

The GXT3102B delivers actionable information that allows users to identify areas to cut costs and avoid capital expenditures through better utilization of existing assets. It provides comprehensive asset visibility with real-time data needed to run operations more efficiently, such as:

- Mileage Driven and Speed
- Arrival and Departure Times
- Stop and Idle Times
- Geofence Adherence and Security Alerts

## Stealth & Durable Design.

The GXT3102B is packaged in a proprietary mounting bracket made of galvanized steel that enables an easy installation. The GXT3102B is installed on the underside of a trailer for stealth. The GXT3102B is IP67 rated and can operate in rigorous environments that demand a reliable and highperformance device.

The GXT3102B was designed to be power efficient; it operates on rechargeable batteries and can be tethered to a power source such as a tractor seven-way. Even when not connected to power, the GXT3102B can report for up to 90-120 days, allowing customers to have continuous knowledge of the location of an asset. Its design features built-in LED lights that provide instant installation verification, eliminating any guesswork and allows users to check battery status and send diagnostic messages while in the field. These features make it an ideal solution for all types of equipment and cargo including:

- Flatbeds and Chassis
- Dry Van Trailers

SkyBitz delivers real-time tracking and information management solutions that provide a clear line of sight to mobile assets anytime, anywhere.

### The Falcon GXT3102B provides:

- **In-Transit Visibility**  
SkyBitz helps companies better support just-in-time logistics and increases customer satisfaction and trust by demonstrating continuous control of assets.
- **Fleet Dispatch Optimization**  
SkyBitz reduces capital expenses for asset purchases and leases, reduces fuel and staffing costs, and ensures optimal operating conditions and efficiency.
- **Remote Monitoring & Control**  
SkyBitz helps reduce equipment costs, improve maintenance planning, limit liabilities for cargo and pre-empt operational failures.
- **Safety & Security**  
SkyBitz provides constant monitoring of asset location and status, providing enhanced security.

## Key Features

- Power Efficient
- Easy Installation & Field Verification
- Extremely Durable & Compact Design
- GPS Technology
- Low Cost of Ownership



## Actionable Data Through SkyBitz Ops Center

The GXT3102B can be managed through the best-in-class SkyBitz Ops Center web application and Ops Center Mobile. Through Ops Center, users can track, monitor and manage a broad range of assets. SkyBitz uses exception-based reporting to deliver insightful information that allows management to make quick, data-based decisions to more effectively control their assets.

## Remote Antenna



### Dimensions:

Circular 3.25 in Diameter (8.26 cm)  
7 in Depth (17.78 cm)

### Housing Material:

ABS 777 UV Resistant

**Weight:** 1.5 lb (680.3 g)

### Operating Temperature:

-40°C to 70°C

**Storage:** -55°C to 80°C

**Dust/Water Ingress Protection:** IP67

### Antenna Interface:

Two, Color Coded SMA-Female,  
Cellular and GPS

**Coaxial Cable:** RG-174U, 6ft length  
cable bottom ingress, Two SMA-  
Male, VHB mount with retaining nut,  
Combination Cellular and GPS

## Hardware Specifications

### PHYSICAL

Dimensions (L x W x H): 5.5 x 19 x 3.6 in. (139.7 mm x 482.6 mm x 91.44 mm)  
Housing Material: Valox 357U (mobile terminal unit), Galvanized steel (bracket)  
Weight: 4.5 lb (2041.17 g)

### ENVIRONMENTAL

Operating Temperature: -30°C to 70°C  
Storage Temperature: -55°C to 85°C  
Vibration: Random vibration from 10 to 500 Hz per MIL-STD-810F Figure 514.5C-1 "U.S. Highway Truck Vibration Exposure"  
Humidity: MIL-STD-810F, Method 5.4 for six full cycles as described in Figure 507.4-1  
Shock: MIL-STD-810F, Method 516.5 Procedure I using an impact having a shock response spectrum equal to that labeled "Functional Test for Ground Equipment" in Figure 516.5-8 of MIL-STD-810F  
Drop: MIL-STD-810F, Method 516.5, Procedure IV  
Impact: EN 60950-1:2006 clause 4.2.5  
Salt Fog: MIL-STD-810F, Method 509.4  
Water Spray & Steam Cleaning: SAE J1455 Section 4.5  
Dust & Sand Bombardment: MIL-STD-810F, Method 510.4  
Solar Load & UV Exposure: MIL-STD-810F, Method 505.4 Procedure I, Cycle A1 and fifty-six 24-hour cycles per Procedure II  
Dust/Water Ingress Protection: IP67 under IEC 60529  
Power Details: External power source (e.g. 7-way connector) and an internal rechargeable battery system. The rechargeable battery pack operates over a temperature range of -30°C to +60°C. Battery survives temperatures up to +75°C. External power source interface supports DC Voltages 9.0 to 36 Volts. SAE J1455 and SAE J1113-11.

### CELLULAR SPECIFICATIONS

Bands: B2, B4, B5, B17, 3G - B2, B5  
Technologies: 4G LTE (Cat 1), 3G, HSPA+

### INTERFACES

I/O Connector: 26 Pin D-Sub Connector  
RS485, RS232  
Serial Ports: Accelerometer and speed  
Smart Sensor Tracking (SST): Visual indicators for external power, charging, diagnostics and installation  
LEDs:

Certifications: FCC: CFR 47 Part 15  
Industry Canada  
PTCRB  
RoHS