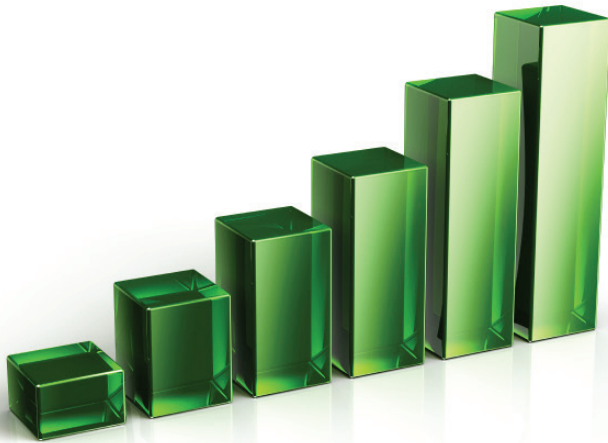




BlackBox GPS

BlackBox GPS 3S Locator™

Managing your fleet
just got easier™



*The **BlackBox GPS 3S Locator™** is truly the ideal solution for anyone interested in locating and tracking your valuable assets and improving your bottom line.*

Designed for a permanent installation, the **BlackBox GPS 3S Locator™** is a discrete monitoring system which provides the ability to locate valuable mobile assets in your business fleet virtually in real time 24 hours a day, 7 days a week. Comparatively, the 3S's enhanced security and engine monitoring features adds a multitude of reporting capabilities and the ability to add additional peripherals and sensors allowing your business to customize the tracking solution to best fit your needs.

Transmitting its position, in addition to other vehicle data, through a data network as often as every 20 seconds, this powerful tracking solution allows your business to pinpoint your location on a map and monitor many different events remotely or analyze the stored data through a number of reports, all available through the secure www.blackboxgps.com website.



- ✓ Powered by BlackBox GPS Fleet Management Pro
- ✓ Ideal For Fleet Management
- ✓ Locate Assets Anytime, Anywhere Live 24/7
- ✓ Ability To Create Multiple Reports
- ✓ Identify Driving Behavior/Possible Accidents
- ✓ Ability To Add Engine Monitoring Features
- ✓ Integrated back-up battery

The **BlackBox GPS 3S Locator™** will continuously transmit its location and other data to you through the BlackBox GPS Network. Using the network's powerful features you can see your mobile asset in street view, aerial, satellite or hybrid view. For increased security and reliability, an integrated backup battery allows for short term tracking when disconnected from the vehicle's main power.

Information is power and the **BlackBox GPS 3S Locator™** provides a new level of information; it has been specifically designed to monitor and analyze vehicle routes, stops, mileage, speed, trip time, and idle time. The analytical reports available allow you to evaluate fuel efficiency, time efficacy and productivity. The cell phone-sized locator can also send immediate notifications on speed, length of time at a specific location, and departures from a predetermined area.

ORDERING INFORMATION



SKU 37-720-03
BlackBox GPS
3S Locator™

STANDARD CAPABILITIES

- Location tracking & reporting
- Internal or external cellular and GPS antenna options for easy installation
- High sensitivity GPS
- Garmin® FMI support
- 3-axis precision accelerometer for driver behavior monitoring and impact detection
- 20,000 buffered message log
- Integrated 1000mAh back-up battery

GENERAL

Communication Mode: HSPA, UDP and SMS

Location Technology: 50 channel GPS

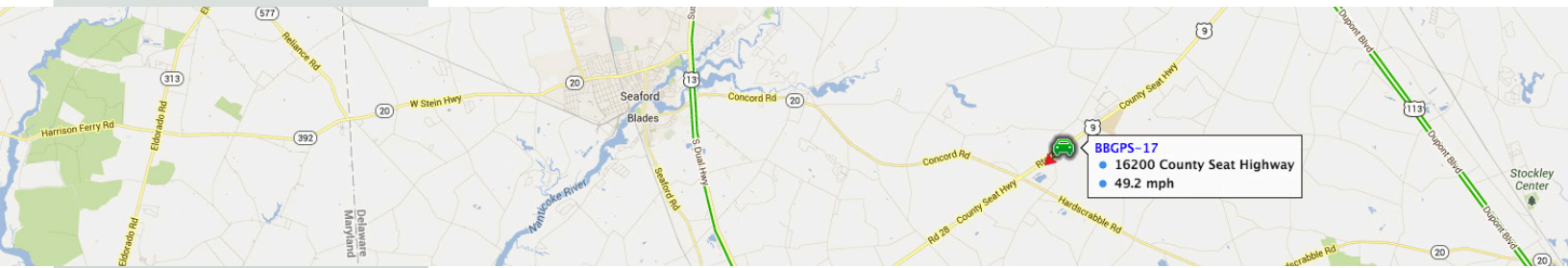
Operating Voltage: 12 volt vehicle systems

SERVICE PLANS

BlackBox GPS Fleet Manager Pro™ is a web-based tracking and routing solution ideal for the professional fleet manager who needs to monitor select engine functions, driver behavior, fuel efficiency, labor productivity and communicate with drivers.

- Easy-to-use login from anywhere, anytime 24/7
- Economical Service Fees with no Activation Fees
- Effectively plan and communicate routes to drivers
- Real-time weather and traffic conditions
- Unlimited On-Demand location requests
- Updates sent every 2 minutes or less
- Management reports (locations, mileage, speed and much more) to analyze the stored data
- Send & Receive Messages from a Garmin® PND
- Upload Routes to Garmin® PND

*other plan options available



SPECIFICATIONS

GPS

Location Technology	50 channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN
Location Accuracy	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-162dBm
Acquisition Sensitivity	-147dBm
AGPS capable	Yes

Cellular

Data Support	SMS, UDP packet data
Operating Bands (MHz)	HSPA/UMTS: 800(VI)/850(VI)/900(VIII)/1700(IV)/1900(III)/2100(I)
Transmitter Power	HSPA/UMTS: All bands, 23 dBm
HSPA Fallback	EDGE/GPRS/GSM quad band EDGE MCS1-MCS9 3GPP Release 6

Comprehensive I/O

Digital Inputs	5 (1 fixed bias low, 4 programmable bias)
Digital Outputs	3 relay driver (200 mA)
Analog Inputs	1 internal VCC monitor, 1 external A/D input
1-Wire® Interface	Driver ID, temperature sense
Status LEDs	GPS and cellular

Environmental

Temperature	-30° ~ +75°C (operating); -40° ~ +85°C (storage)
Humidity	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Mil Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B; Industry Canada
RoHS Compliant	Yes

Electrical

Operating Voltage	6 ~ 32 VDC
Power Consumption	<3 mA @ 12V (deep sleep) <10 mA @ 12V (sleep on network with SMS) <20 mA @ 12V (sleep on network with GPRS) <70 mA @ 12V (active tracking)

Physical

Dimensions	2 x 4 x 0.85" (51 x 102 x 22 mm)
Weight	3oz (85g)

Other

Mounting	Tie-wrap, adhesive, or Velcro Screw mounting bracket
Connectors	20-pin Molex-type fused power harness
Certifications	Fully certified FCC, CE, IC, PTCRB, applicable carriers