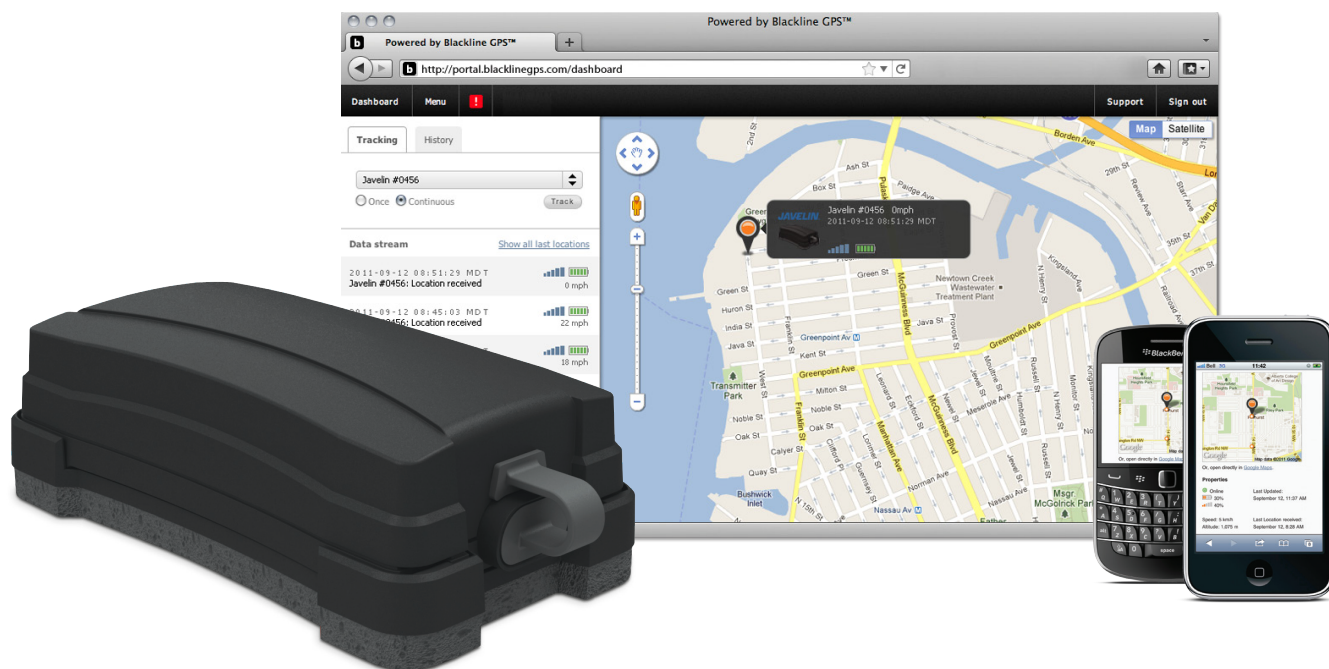# JAVELIN

Professional-grade Covert Tracker

Sealed design with modular mounting system

Javelin® is the first professional-grade covert tracker designed specifically to meet the needs of professional surveillance applications, delivering performance, durability and customization.

Featuring a weather-sealed enclosure, Javelin is prepared for duty out of the box. The removable multi-mount provides a variety of mounting configurations that includes two rare earth magnets offering 240 lbs of mounting force. Other mounting options include tie-wraps, Velcro®, screw fasteners, or adhesive. When mounted, a quick press of a recessed lever releases Javelin from its multi-mount.

The Javelin removal detection and alerting system is an industry first. This user enabled feature indicates when Javelin has been compromised on a target vehicle. A large 6000 mAh internal rechargeable Li-ion battery powers Javelin. Coupled with user-configured schedules and monitoring options, Javelin provides the tools to balance system responsiveness with battery life, ranging from two weeks to over four weeks between charges.

The new Blackline Business Portal is an easy-to-use online interface that hosts the Blackline business solutions, including Javelin. The Business Portal enables mapping of real-time Javelin locations, real-time continuous tracking, viewing past event data, schedule management and configuration of alert and notification settings.

Store & Forward
Events are stored & forwarded to server when out of coverage

Zones
Instant location entry and exit alerts

GPS Tracking
Live locating and 5 second to 1 minute tracking

Removal Detection & Alerting
User alert sent when removed from the vehicle

Mobile Messaging
Alerts are sent to users via email & SMS

Large 6000 mAh Battery
Rechargeable battery provides up to four weeks operation

240 lb Magnetic Mounting
Multi-mount supports other mounting options

Sealed Design
Custom waterproof & dustproof enclosure

blacklinegps

Specifications

Size & Weight
Size without multi-mount: 75 mm W x 37 mm H x 142 mm L (3" x 1.5" x 5.6")
Size with multi-mount: 75 mm W x 49 mm H x 150 mm L (3" x 2" x 5.9")
Weight without multi-mount and magnets: 270 g (9.5 oz)
Weight with multi-mount and magnets: 460 g (16.2 oz)

Multi-mount
Default factory configuration: Dual rare earth magnets included
Mounting options: Tie-wrap, Velcro, screws and adhesive (not included)
Magnet pull force: 120 lb Each magnet (240 lb total)

Button & Indicator Light
Button: Power on/off, indicator light wake-up
Green indicator light: Power and wireless connection status

Wireless Communication
Radio: Quad-band GSM/GPRS (800, 900, 1800, 1900 MHz)
Antenna: Internal quad-band
Bidirectional communication
Firmware upgrade over-the-air (FOTA)

Assisted GPS
Radio: 20 Channel high sensitivity, mobile assisted
Antenna: Internal Ultimate Sense® 2 GPS antenna extends operation in weak GPS signal conditions
Accuracy: ~5 m (16 ft) Outdoors, ~50 m (165 ft) indoors
Real-time location turnaround time: ~20 Seconds

Mobile Messaging Methods
Email, SMS (text message)

Zones
Up to eight device-stored zones

Alert Messages
Device removal detection, vehicle movement detection
Low internal battery
On-network (power-on and return-to-coverage)
Off-network (power-off and out-of-coverage time-out)

Scheduler
Features include: Periodic automatic location, location-on-motion
Scheduler intervals: Service plan dependant
Store & Forward: Up to 12,000 event messages

Power & Battery
Rechargeable Li-ion battery: 6000 mAh Li-ion

Environmental
Storage temperature: -30 to 75° C (-22 to 167° F)
Operating temperature: -20 to 55° C (-4 to 131° F)
Ingress protection: IP65, 100% Condensing humidity

Regulatory Compliance
FCC, IC EU limits
Contains: FCCID W77BLIGSM1, IC 8255A - BLGSM1, CE 0682

Device Requirements
Blackline GPS activated service plan
GSM/GPRS Wireless communication coverage
GPS Signal coverage required for GPS locating

Warranty
One year limited factory warranty

Activated Service Plans and Wireless Coverage
Wireless coverage: Nearly 150 countries
Service plan options: Contact Blackline GPS

Blackline Business Portal Web Application
Features Include: Event history, device location mapping, device management, alert and notification settings and more.

Javelin device

Magnetic mount

Benefits

- Self-contained tracking device designed to professional performance standards.
- Increases awareness of a surveillance target's activity.
- Removal detection & alerting indicates when Javelin has been compromised.
- Quickly map a target vehicle location in the new Blackline Business Portal.
- Track-on-motion automatically records target activity.
- Large capacity internal 6000 mAh battery extends surveillance life.
- Customizable scheduling provides user-controlled power management.
- Affordable surveillance
- Low training barrier

Advantages

- Ultimate Sense®2 high sensitivity GPS antenna makes the most of weak signal coverage.
- Easy-to-use web-based Blackline Business Portal for efficient mapping and administration.
- Quickly map previous routes with data from origin to destination.
- Firmware upgradable over-the-air accommodates future enhancements.
- Web-hosted user account. No software to install.