

# Ubiko

## GPS/GSM/GPRS Personal Tracker



The Ubiko Personal Tracker from E-Drive Technologies is a compact, easily configurable GPS/GSM/GPRS tracking and monitoring device to promote personal security and safety. With exceptionally fast and accurate acquisition times, and a built-in logger, the Ubiko Personal Tracker provides watchers with the device's location, and continuous location tracking via a Web portal.



With a built-in SOS panic button, the Ubiko Personal Tracker can send an emergency alert along with the user's GPS coordinates to a specified contact via SMS or Web alerts.

The "bread crumb" feature creates a trail of waypoints and transmits an alert on arrival at a pre-determined destination, or when the device enters or leaves a predefined region. With integrated voice monitoring keeping track of your loved ones, and the vehicles they drive, has never been so simple.

### Ubiko Personal Tracker Key Features

#### Security

- Integrated microphone for voice monitoring
- Built-in SOS panic button
- Continuous location tracking

#### Safety

- On-demand location reports via SMS
- Automatic geo-fence notifications
- Motion sensor

#### Web Management Interface

- Enables managing a large number of Ubiko trackers
- Multi-lingual language support
- Web application can generate location and trip reports

#### General

- Easily configurable via USB, SMS or GPRS
- Water resistant (IPx4)
- Records up to a quarter million waypoints
- EGNOS and WAAS compliant
- 20-channel all-in-view tracking
- 12-290 hours between charging, depending on configuration



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### Technical Information

#### General Specifications

USB Connector	Mini USB
USB Version	Version 1.1 (Active Sync)
Operating Temperature	With battery: -4°F to 140°F/-20°C to 60°C With charger: -4°F to 131°F/-20°C to 55°C
Humidity	5% to 95% non-condensing

#### GPS Specifications

GPRS	Class 10
GSM module	GSM 850/900/1800/1900
GPS chipset	MTK
Frequency	L1 1575.42 MHz
C/A code	1.023 MHz chip rate
Channels	20 channel all in view tracking

#### Acquisition Rate

Hot start	One second on average
Warm start	38 seconds on average
Cold start	42 seconds on average

#### Power Source

Prime power	Li-Ion rechargeable battery
External power (USB)	5VDC
Battery capacity	900mA

#### Antenna

GSM antenna type	Patch antenna
GPS antenna type	Monopole antenna for GSM 850/900/1800/1900 systems

#### Physical Characteristics

Case	Durable polycarbonate
Dimensions (H x W x L)	4.13" x 2.16" x 1.25" (79.1mm x 41.8mm x 18mm)
Weight	2.5 oz. (70.87g)



**E-Drive Technology**

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