

UNITRAK

UniTrak from Sentinel provides multi-level, highly accurate GPS tracking from a single device. UniTrak is an ankle-worn GPS tracking device that comes complete with a hypo-allergenic, tamper-resistant, fiber-optic strap. Equipped with an advanced GPS receiver for improved point acquisition and precise location identification, UniTrak communicates over cellular networks that offer dependable nationwide coverage.

UniTrak comes standard with a host of features that includes notification LED status indicator lights, vibration motor, on-board memory, and the latest in tamper-alert technology. It also includes Sentinel's best-in-class built-in redundant radio frequency (RF) technology for enhanced tracking while the participant is at home. When the participant is home, UniTrak functions as a reliable RF monitoring unit that continuously communicates the participant's location to Sentinel's 24/7/365 National Monitoring Center via a Sentinel home monitoring unit. This eliminates GPS drift when the participant is home.

What's more, the presence of a Sentinel home monitoring unit means there is no need to create mandatory home zones. And in the event that the GPS reception is less than optimal, our UniTrak device is equipped with Advanced Forward Link Trilateration (AFLT) that serves as an integrated secondary tracking system.

In addition, UniTrak is chock full of features that make it the industry standard for GPS-enhanced tracking:

- + Active, passive and hybrid GPS tracking from a single device;
- + Redundant RF home monitoring option;
- + AFLT cellular technology;
- + UniTrak can communicate via wireless networks, and;
- + Rugged, waterproof yet lightweight design uses secure "easy-click" installation that requires no tools.





Built-in 48-channel
GPS receiver

Disposable strap and
backplate reduce
cleaning time

Integrated AFLT
cellular technology
serves as secondary
tracking system

Sentinel home
monitoring unit
communicates with
the UniTrak and our
24/7/365 National
Monitoring Center

Easy-to-read back-lit LCD
panel for instructions and
alerts

MICROPROCESSOR

- 10 MHz 16-bit processor

ON-BOARD MEMORY

- 16MB Nand Flash
- **Storage:** Up to 4096 GPS data points and 4096 status messages

TRANSCIVER

- FM (Frequency Modulated)
- **Frequency:** -433 MHz
- **Range:** 450' free air +/- 10% (range adjustable at receiver)

GPS Receiver

- 48-channel high sensitivity

DISPLAY

- 32-Character LCD back-lit
- Black on green

PARTICIPANT NOTIFICATIONS

- LED light notification
- Vibration notification

COMMUNICATION

- CDMA cellular machine-to-machine (M2M) module
- Standalone GPS/SGPS/AGPS

BATTERY

- 2 (Two) 1800 mA hour 3.7VDC Lithium Ion
- **Battery Life:** 30+ hours on full charge

CHARGING

- Automatic vibration notification when time to recharge
- 120V AC to 5V DC adapter
- Red LED illuminates when the battery is charging
- **Charge Time:** 90-minute minimum

REPORTING ALERTS

- Latitude and longitude
- Zone alert(s)
- Low-battery alert
- Charge on
- Charge off
- Tamper alert

DIMENSIONS

- 4.5" (l) x 2.5" (w) x 1.5" (h)
- Weight: 6.5 oz./184 g.

STRAP

- Multi-layer fiber-optic, hypo-allergenic, tamper-detecting
- **Length:** 14.5"

CASING

- Impact resistant, non-flammable injection molded plastic