

TraceX

Product Description

The TraceX Affirm™ ankle bracelet is the first fully functioned monitoring device in a single easily worn package that can detect alcohol while providing position location to central monitoring via cellular reporting.

The Affirm™ ankle security bracelet adds GPS and cellular communication to a sophisticated processor that interprets responses from multiple sensors that increase sensitivity while reducing false positives. An optional accelerometer allows for detection of falls.

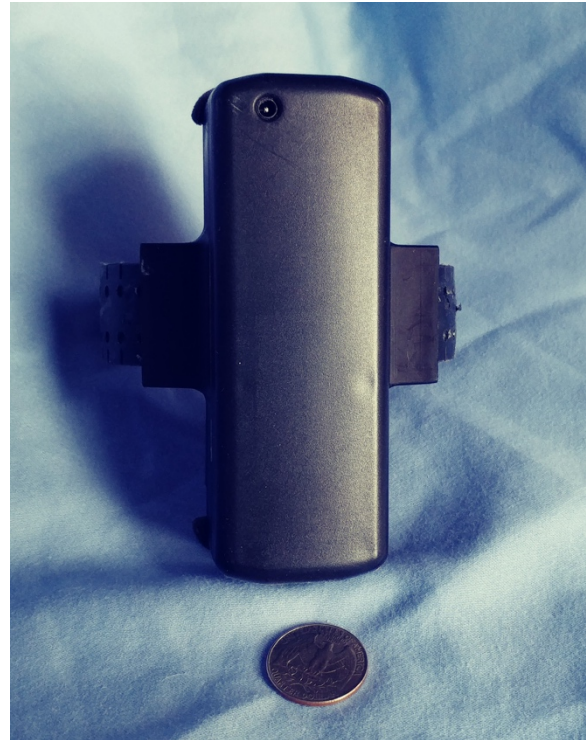
The data is sampled and logged every 30 minutes and if an event is detected, a shorter programmable interval is initiated to provide higher fidelity measurements. All reports of events are location and time stamped, and sent to a central monitor for further action.

TraceX Features

- Samples perspiration and external environment at programmable intervals
- Single-unit device for added simplicity (no additional cell phones or home modems)
- No land-line required
- No external power required
- Uses cellular communications
- Data logger – Records data while no cell coverage
- Samples perspiration every 30 minutes; up to one-minute sampling after monitoring event
- Can call monitoring center or prescribed contact list
- Date and time stamps for reporting and analysis
- Active GPS tracking
- Optional exclusion/inclusion boundaries w/warning
- Instant communication with monitoring center to enable active intervention
- One Press Emergency Panic button (optional)
- 28 hour battery life: Easy set-up
- Motion detection (optional)
- Water resistant
- Tamper-resistant with multiple sensors

- Comfortable & lightweight – reduces chafing

The device packs a large amount of functionality into a very small space. Here it is with a quarter for comparison.



Technical Data

Dimensions 2.6" x 1.8" x 0.7"/65x46x17mm

Weight (battery included) 5.1 oz/153 g

Operating temperature 14°F to 130°F

Battery 3.7 VDC/1200mAh Li-ion

Standby time (typical) Up to 90 hours

Tracking time (typical) 26 Hours

GPS chipset Integrated

GPS antenna active built in

GSM quad-band chipset integrated

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