

Product Description

Our patented TraceX **Affirm™** ankle bracelet monitors alcohol consumption while providing position location to central monitoring via cellular or Wi-Fi reporting. Our dual sensors reduce false positives in a small, light-weight, unobtrusive form.

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 every minute, and logged every 30 minutes (adjustable down to 1 minute intervals). If an event (drinking or tamper) is detected, an immediate log is transmitted with all the accompanying data. All reports of events are location and time stamped, and sent to a central monitor for further action.

A secure server system captures all the logs and presents them to monitors with appropriate warnings to highlight untoward events. This data can be accessed via standard computer or a smart-phone app in the field.

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)
- 26 - hour battery life: Easy set-up
- Motion detection (optional)
- Water resistant
- Tamper-resistant with multiple sensors

Comfortable & Lightweight – reduces chafing

Huge functionality in a very small space. Here is the Affirm™ with a quarter for size comparison.



Technical Data

Dimensions 3.7" x 1.6" x 1.2" / 94 x 41 x 30 mm

Weight with strap 5.3 oz / 150 grams

Operating temperature 0°F to 130°F

Battery 8.4 VDC/2400mAh Li-ion (rechargeable)

Standby time (typical) Up to 190 hours

Operating time (typical) 36 Hours

GPS chipset Integrated

GPS antenna active built in

GSM quad-band chipset integrated

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