



Field Tracker 2100



The Solara Field Tracker 2100 is designed and field proven for easy use in the toughest and most extreme environments.

Benefits

Real-time GPS tracking and user messaging ensures two-way contact, security and peace of mind for your field personnel from any remote location by:

- protecting personnel in the field through instantaneous knowledge of their location, no matter how remote;
- a 2-way cost-effective communication link for field personnel that is not constrained by geographic limitations of cellular networks; and
- reliable, all-weather power solutions.

Rugged construction for harsh conditions

Field Tracker 2100 is designed and engineered with:

- a rugged, waterproof case;
- a waterproof keypad with direct tactile feedback;
- a sealed battery compartment;
- shock-mounted colour display;
- antennas integrated into the case for maximum protection;
- vibration and shock tolerance; and
- recessed power and alert switches that prevent unintentional movement.

How it works

Operation is simple and automated with:

- two-way communication using the Iridium satellite system, ensuring every message is successfully sent and received;
- intuitive free-form text message entry;
- pre-defined standard and custom user messages to ensure accurate and simple communication;
- full-function text messaging through the Solara web site;
- emergency notification for distress signaling to a region-specific agency or organization of your choice (concurrent and "fallback" notification options for multiple contacts available);
- optional 24/7 routine message and Alert notification monitoring;
- easy user configuration of customized settings through the Tracker on-screen menus and the secure Solara user web site;
- system access options through Solara to suit your needs;
- flexible air time solutions through Solara; and
- user manual and quick-start sheet to get you up and running quickly.

Product Specifications*

Power:

- internal rechargeable nickel metal hydride (NiMH) batteries and battery charger
- optional external solar panel, external AC adapter or vehicle accessory connector plug (12 or 24 volts DC)

Size and weight:

- 15cm (6") plus 3 cm (1.2") antenna x 7.5 cm (2.8") x 4.5 cm (1.75") maximum dimensions of curved shape
- Approx. 500 g (1.1 lbs.) weight (400g with optional lithium internal battery, available in 2nd quarter of 2010)

Temperature:

- -20° C (-4°F) to 60° C (140°F)
- -40° C (-40°F) to 60° C (140°F) (with cold weather kit or direct connect to power)

Shock and Vibration Resistance:

- MIL-STD-810 G ; 7.5g RMS random vibration 20 to 2000 Hz with 10G shock in each axis, plus survives 70G crash test

Water Resistance:

- IP68 certification pending; waterproof, submersible to 1 m (3.3') for one hour

Altitude:

- operation to 13,000 m (40,000 ft)

Operation Area:

- the Iridium satellite network provides complete global coverage.

* Specifications are subject to change without notice.

Patents pending



Accessories

- Belt carrying pouch
- Vehicle mounting cradle with wide choice of mounting arms and mounts
- Flexible solar panel, folds up to fit in a pocket
- External battery/cold-weather kit for user-supplied AA lithium 1.5V batteries
- Choice of vehicle accessory plug ("cigarette lighter") power cables; charge only or direct operate and charge
- Choice of AC/DC charge adapter; 5A 110V for running any accessory load or 100V – 240V universal adapter
- USB firmware programming/communication cable
- Noise-filtered, direct power connector harness to vehicle battery or electrical system



Value-added Services

- 24/7 Alert notification monitoring through Global Rescue LLC (International) or Armstrong's Communication (Canada)
- Provision of mapping/database/unit-to-unit messaging/value added services to Resellers, OEMs and VARs
- Custom hardware, AES 256 encryption, labeling and software configurations, for customers and OEMs

Contact Solara

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Technical Data: Field Tracker 2100



Better Data. Better Decisions.

