

Industrial CoolFox

Multi-Function Sigfox Tracker



Product overview

The Industrial CoolFox is a real-time geolocation, temperature and impact monitoring device which sends data to the cloud. It is hermetic and water-proof for industrial environments. It's ergonomic design allows easy mounting.

The device sends data to the cloud, using SigFox connectivity, which is a low data transfer protocol designed for the Internet of Things. This low-band transmissions allow larger battery life and does not need Wi-Fi, mobile or satellital coverage.

Benefits:

- Geolocation
- Accurate temperature and motion sensors
- Custom automatic alarms
- Up to 10 year battery
- Pre-configurable frequency
- Small size: 88.9 x 78.74 x 35.56 mm
- Sigfox connectivity



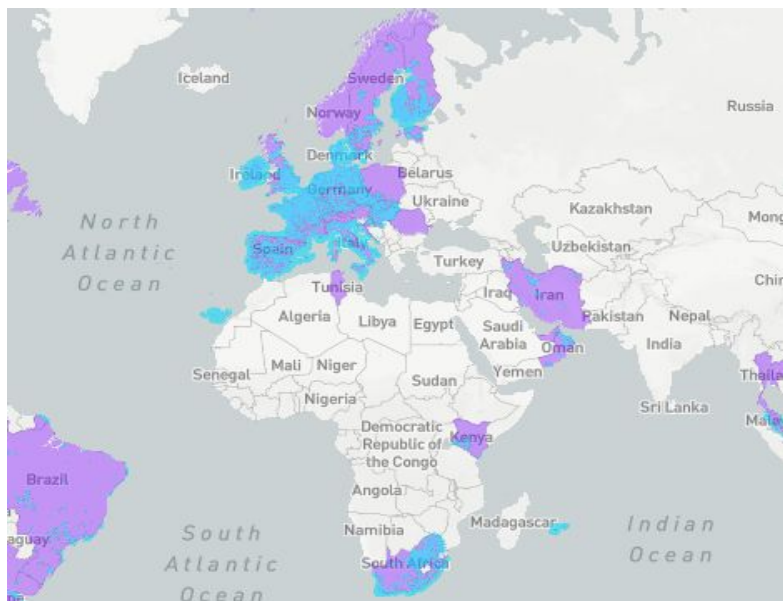
Combining Industrial CoolFox hardware with StoCloud platform creates a powerful monitoring system. Users can set alarms which will automatically triggered when a custom condition is given, a notification will be sent to warn the user about the event.

Applications:

- Asset tracking
- Returnable Packaging
- Cold-chain monitoring
- Outdoor loss prevention
- Fleet management

SIGFOX RC1 Coverage

- Live Coverage
- Under roll-out



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Specifications

| | |
|--|--|
| Operating Frequency | SIGFOX RC1 Uplink Only (868.0 - 868.6 MHz) |
| *Sigfox Geolocation | Sigfox Atlas (2-5km accuracy) |
| Temperature Measurement Accuracy (-40°C to 80°C) | Typ. Tolerance +/-0.3°C Max. Tolerance +/-0.4°C |
| Accelerometer sensor | 3 axis (x,y,z) scale: 1.5-8 g |
| Power supply | 4800mAh Battery (Non-replaceable) |
| Enclosure type | ABS Hermetic IP67 - waterproof |
| Radiated Power | max. 13.8 dBm |
| Radiated Power Class | 0U* |
| Temperature range | -40°C to +60°C |
| Dimensions | 88.9 x 78.74 x 35.56 mm |
| Material Housing | ABS (UL94HB) |
| Color | Black |
| Human exposure | EN 50364 |
| EMC | EN 301 489-1 v2.1.1 EN 301 489-3 v2.1.1 EN 301 489-19 v2.1.0 |
| Conformity | Directive 2014/53/EU |

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Product codes for ordering

| CF | - | i | S | A | - | FF | |
|----|---|---|---|---|---|----|-------------------------------|
| | | | | | | | i = Industrial Coolfox |
| | | i | | | | | Industrial Coolfox |
| | | - | | | | | Not Industrail Coolfox |
| | | | | | | | S = Sensors |
| | | | S | | | | Temperature |
| | | | | | | | A = Accelerometer |
| | | | | A | | | Received Impacts |
| | | | | | | | FF = Frequency band |
| | | | | | | EU | Sigfox RC1 (868Mhz-868.6Mhz) |
| | | | | | | US | Sigfox RC2 (902Mhz-906Mhz) |

Ordering examples:

- CoolFox with temperature sensor and IoT tracking application in Europe.
CF - iS - EU



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