

GPS tracking system for IGRED



Introducing an effective tracking system for tracking your IGREDs in real time. The GPS system used allows for precise location tracking of the device. This is important as it ensures that the device is only used in the designated areas and that the radiation levels are monitored accordingly.

In addition, GPS technology can also provide information about the movement and positioning of the device, which can be useful in planning and optimizing work processes. The use of GPS technology in IGREDs also provides increased safety for workers by tracking the device's location. Workers can be alerted if they are approaching areas with high radiation levels. This helps prevent accidental exposure and ensures that workers can perform their tasks safely and efficiently.

Overall this technology ensures safe operation of these devices and increased safety for workers in industries where exposure to Gamma radiation is a concern.

Features



Effective tracking system 24x7. Available with variable interval of 10 sec to 15 min through mobile app



User friendly interface - Allows users to easily control and monitor device location



Geo - fencing



100 % battery operated

Battery backup:

**For 10 sec sensing time – 5 days battery backup
For 15 min sensing time –15 days battery backup**



Notification and mail if crosses the geo fencing limit



Durability & Reliability: Mounting devices with tracker for IGREDs designed with PETG (Polyethylene Terephthalate Glycol) material which withstands harsh industrial environment and is durable & reliable



Accuracy: +/- 10 m

Increased safety: Provides increased safety for workers by tracking device location. Workers can be alerted if they are approaching a high radiation level area.

Improved Efficiency: Helps improve efficiency by reducing the time and resources required to perform tasks in hazardous areas.

Benefits

Safety: Tracker and SIM lock system to avoid any theft or shifting

Durability & Reliability: Ensures that the device can operate effectively over extended periods without requiring frequent maintenance/repair.



Support : Online and onsite technical support will be available.



for Roli-2



for Delta 880



for SPEC 150

Technical Specifications:

Mounting Device

Details

Mounting devices available for IGRED models Roli 2, SPEC 150, Delta 880, SPEC 300 & SENTRY 330 with following dimensions

1. 196.00 x 106.00 x 30.40 mm – for SPEC 150
2. 156.00 x 106.00 x 32.40 mm – for Roli-2
3. 325.00 x 170.00 x 53.00 mm – for Delta 880

Material

PETG - Polyethylene Terephthalate Glycol

Tracker

Positioning system

GPS+WiFi+LBS

Cellular

Communication network

GSM - 2G

Frequency

Quad-band 850 / 900 / 1800 / 1900 MHz

Power

Battery

6,000mAh/3.7V industrial-grade Li-Polymer battery

Working modes

Mode 1: Regular Upload Mode
Mode 2: Tracking Mode
Mode 3: Power-Saving Mode

Interface

LED indication

GNSS (Blue), Cellular (Green), Power (Red)

SIM

Nano-SIM

Data storage

32+32 Mb

Tamper proof

Light sensor

Physical specification

Dimensions

85.0 x 58.0 x 29.0 mm

Weight

161 g

Scenarios

Low battery alert, Tamper, Geo-fence entry/exit

⚠ **Note:** Precise tracking inside an enclosure may not be possible due to limitations of 2G networks.

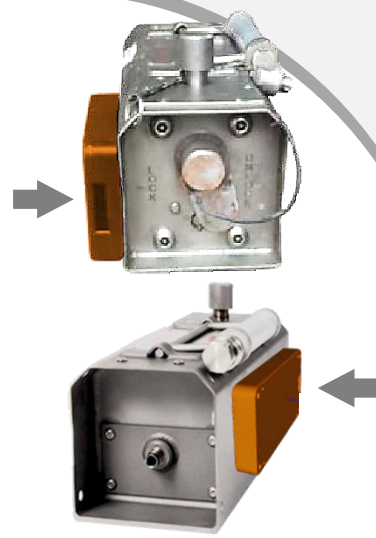
Assembly:



For Roli-2



For Delta 880



For SPEC 150



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