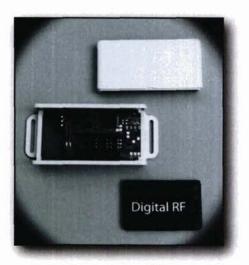


Reporter GSM Module



Reporter Module

The Digital RF Reporter is a small battery powered module which uses the latest GSM technology to provide equipment status or personnel vital statistics back to an operations and Control center.

Smaller than a mobile phone the *Reporter* can be placed discreetly in a vehicle, in a bag or on a person. *Reporter* will report its data, and if required position, on a timed basis or when requested from the control centre.

Location is calculated from the cell information reported by the *Reporter* module. Using highly integrated efficient controllers *Reporter* can report for up to 300 days on one charge of the batteries.

Features

- Data reporting from a wide range of data collection devices for equipment and personnel.
- GSM or GPS Location system.
- Long Battery operation.
- Low cost of modules and operation.
- Fencing option based on specific cell locations
- Optional Sleep mode with Motion Sensor or PIR activation
- Network independent.

Applications - Monitoring equipment, vehicles, people, packages / shipments, valuable assets.

For a detailed proposal please contact us directly

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Reporter Specification

Mobile Bands

GSM 850, EGSM 900, DCS 1800, PCS 1900

Reporting

Data, Location (Optional), Unique Identifier, Battery Status

Location Method

GSM or GPS

Memory

1MB

Operation Modes:

Automatic Report

User selectable. Reports automatically every minute, to a maximum of

once every 29 days.

Activated Report

Report times can be set and activated after motion detection or PIR

detection.

SMS/GPRS

Control center can control / adjust reporting and wake-up time via SMS/

GPRS

Fencing

Reporting can be activated when Reporter leaves a user defined zone

with Cell IDs stored in onboard memory.

Trace

The Reporter can be set to wake and store data at certain locations for

future analysis.

Battery

Options:

200mAh to 4000mAh

Operational Life

Operating in normal reporting mode:

~30-50 days with 200mAh battery ~75-125 days with 500mAh battery ~180-300 days with 1000mAh battery

Mechanical / Environmental:

Size

Options:

Puck ~ 60mm diameter x 20mm deep

Module ~ 75mm x 40mm x 21mm Pendant ~ 37mm x 28mm x 13mm Flex ~ 130mm x 60m x 4mm

Protection Rating

IP53 to IP67 Available

Operation Temperature

-20 to +60 Deg

Weight

Typically 70g



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Reporter