



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 <i>Reporter</i> leaves a user defined zone with Cell IDs stored in onboard memory.
Trace	The <i>Reporter</i> 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 60mm x 4mm
Protection Rating	IP53 to IP67 Available
Operation Temperature	-20 to +60 Deg
Weight	Typically 70g



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Digital RF maintains a policy of improvement and reserves the right to modify the specification without prior notice.