

Features

- Autonomy unit adapted to external environments (internal power supply);
- Closed enclosure without external dependency;
- Localisation of equipments/objects through GPS and/or GSM (cellular information):
 - Supported protocols: TCP/IP, HTTP, SMS or others;
 - Integrable with existing central systems (adaptable formats);
- Event oriented unit:
 - Detect movement transitions;
 - Temperature alarms;
 - Remote programmable periodical communications;
 - Others;
- Sensors:
 - Movement;
 - Temperature;
 - Real time clock included;
- Adaptable to the client needs;
- Low cost.



Applications

- Universal telemetry;
- General object (fixed or mobile) tracking non intrusive:
 - Containers;
 - Semi-trailers;
 - industrial machinery;
 - Security charges;
 - ATM machines;
- Systems of security and/or automation.

Options

- External power supply: 6V up to 24V DC;
 - Detection of power failure;
- Peripherals:
 - RFID (433MHz, 868MHz, ZigBee, Bluetooth);
 - Others;
- Sensors/buttons:
 - Emergency / Help (SOS);
 - Door;
 - Shock/acceleration/deceleration;
- Enclosure with external connections:
 - Serial communication RS232;
 - Analog and digital I/Os.

Specifications

Receptor GPS	SIRFstar III, 20 channels, Sensitivity -159dBm Antenna: interior or external
GSM/GPRS	Quad-band (850 / 900 / 1800 / 1900MHz) Stack TCP/IP
Operating temperature	-40°C up to +85°C
Autonomy	4 years @ 3 SMS / day 3 years @ communications GPRS (TCP/IP) / day
Movement sensor sensitivity	3 axels, 1.5g
Temperature sensor	Range: -55°C up to +130°C Accuracy: ± 2.5°C
I/O	I: 8 analogs I/O: 8 digitals
Dimensions (CxLxA) [mm]:	160 x 160 x 60 Or other adapted to the client needs;
Enclosure	IP66 or IP67

Dailywork – Investigação e Desenvolvimento, Lda

Espaço de Empreendedorismo ISEL – OPEN, Sala E.0.03
Rua Conselheiro Emídio Navarro, 1
1959-007 Lisbon
Portugal

Tlm: (+351) 914 544 053 / (+351) 938 353 489
Tel: (+351) 218 317 104
Fax: (+351) 244 570 019
e-mail: dailywork@dailywork.pt
www.dailywork.pt