

# MYTRACKER






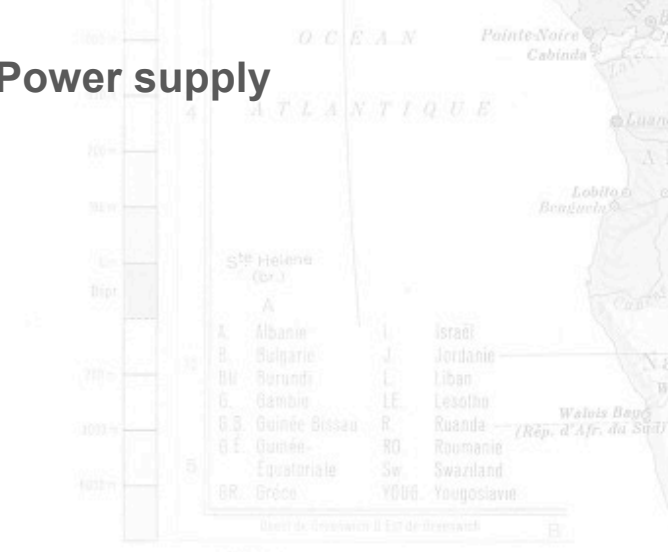
## FM-500 BLUE



### Presentation of the product

FM-500 Blue is a device with GPS/GLONASS and GSM connectivity, designed for object tracking. It is able to acquire information on object location, speed, direction, etc. and transfer the data via GSM network. Digital and analog inputs of the device may be used to connect different external sensors/devices. Outputs of the device may be used to control external equipment remotely. FM Blue is able to read FMS CAN data (protocol J1939) from vehicles. Flexible configuration allows users/dealers to adjust the device to meet their specific requirements.

## General specification

|  |   |
|--|---|
| <p><b>Interfaces</b></p>                                  | <p><b>FMS CAN (protocol J1939)</b></p> <p><b>OBDII (diagnostic protocol of light vehicles, SAE-1979 w/o adapters)</b></p> <p><b>CAN protocols of light vehicles (without adapters)</b></p>  |
| <p><b>Inputs</b></p>                                     | <p><b>4x digital (frequency, impulse counter, ON/OFF modes)</b></p> <p><b>3x analogue, 11 bit, 0-36V</b></p>  |
| <p><b>Outputs</b></p>                                   | <p><b>3x digital, (-)</b></p>   |
| <p><b>Power supply</b></p>  <p>Échelle 1:50 000 000</p> | <p><b>8 – 36V</b></p> <p><b>Protection from impulses up to 120V</b></p> <p><b>Consumption at 12V: active: &lt;50mA, sleep: &lt;8 mA</b></p> <p><b>Registration of power cut-off to device event log</b></p> <p><b>Internal battery 700 mAh (optional)</b></p> |

|                                      |  |
|--------------------------------------|--|
| <b>Internal memory</b>               | <b>4 MB, up to 150.000 entries</b>           |
| <b>Accelerometer</b>                 | <b>LIS3DH</b>                                |
| <b>Internal odometer</b>             | <b>+</b>                                     |
| <b>Operational temperature range</b> | <b>from -40 to +85 C°</b>                    |
| <b>Dimensions</b>                    | <b>26x80x55 mm</b>                           |
| <b>Weight</b>                        | <b>Tracker – 64 g, set – 160 g</b>           |
| <b>GSM</b>                           | <b>Internal antenna</b>                      |
| <b>GSM/GPRS class</b>                | <b>10 (up to 85,6 kbit), class B</b>         |
| <b>Detection of GSM jamming</b>      | <b>+</b>                                     |
| <b>GPS / GLONASS</b>                 | <b>External antenna</b>                      |
| <b>Sensitivity</b>                   | <b>-162 dBm</b>                              |
| <b>Acquisition</b>                   | <b>Cold &lt;30 s, hot 1 s, A-GPS support</b> |