






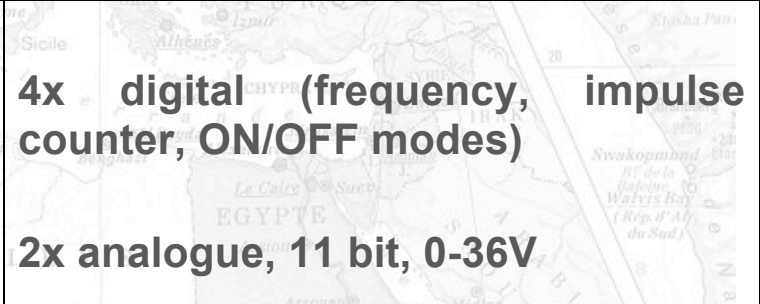



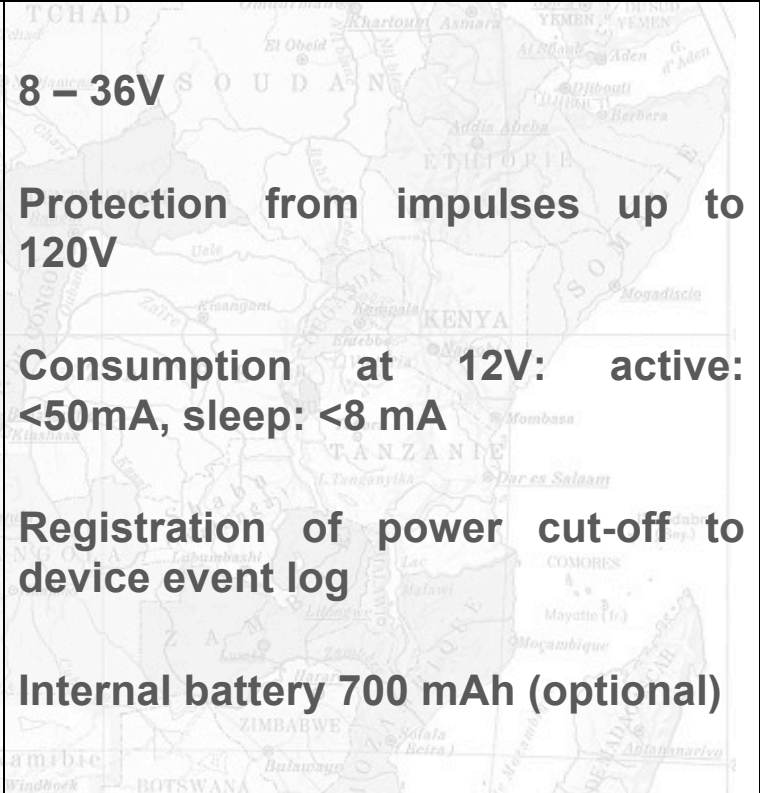


FM-500 Light



Presentation of the product

FM-500 Light 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 together with 1-Wire interface may be used to connect different external sensors/devices. Outputs of the device may be used to control external equipment remotely. Flexible configuration allows users/dealers to adjust the device to meet their specific requirements.

General specification

Interfaces 	1-Wire 
Inputs 	4x digital (frequency, impulse counter, ON/OFF modes) 2x analogue, 11 bit, 0-36V 
Outputs 	3x digital, (-) 
Power supply 	8 – 36V Protection from impulses up to 120V Consumption at 12V: active: <50mA, sleep: <8 mA Registration of power cut-off to device event log Internal battery 700 mAh (optional) 
Internal memory 	4 MB, up to 150.000 entries 

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