

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

Interfaces The Market of the M	FMS CAN (protocol J1939)
	Volvo/Renault CAN (protocol J1708, without adapters)
A L G É R I E	OBDII (diagnostic protocol of light vehicles, SAE-1979 w/o adapters)
	CAN protocols of light vehicles (without adapters)
Dahler SENE Berdito Niemen Niemen Bisan-G U	1-Wire (iButton) Alamana Alam
Conakryo Erectown Leong Cots NIGE Oshopho Norrowin Abidyan Kulinari a Lagosr	RS-232 ETHEORIE
Bioko	EIA-485
Inputs O C E A N Pain	4x digital (frequency, impulse counter, ON/OFF modes)
	3x analogue, 11 bit, 0-36V
Outputs A Albanie Bulgarie Jordanie	3x digital, (-)
Di Dollandi L Liobo	Windbook BOTSWANA



Power supply	8 – 36V
	Protection from impulses up to 120V
	Consumption at 12V: active: <50mA, sleep: <8 mA
A L G É R I E Dakhto Q	Registration of power cut-off to device event log
	Internal battery 700 mAh (optional)
Internal memory	4 MB, up to 150.000 entries
Accelerometer Fredown Loons Monrowth Monrowth Monrowth	LIS3DH CENTRAFRIQUE Bankui
Internal odometer	Kisangari Kenya Mogadiscia
Operational temperature range	from -40 to +85 C° A N Z A N NE A Tensanytha 15 Aldabra
Dimensions Ste Helener (cr.)	26x80x55 mm
Weight A Albanie B Bulgarie UN Burunds C Gambie LE Lesolhu Walnis Bag G Guinée Bissau R Ruanda - (Rep. d'Afr. du S	
GSM to Equationale Sw. Swazdand 88. Gréce Y008 Yougoslavie Destrict Greenword I Est de Breesword B	Internal antenna
	REP Durben
GSM/GPRS class	10 (up to 85,6 kbit), class B



	MYTRACKER®
Detection of GSM jamming	+
GPS / GLONASS Sort a Cost Marsellle Politice Marselle Pol	External antenna Trissle discarded Mar Notre PortoAlexandre Solation Solation State Ankara 440 E. Fra
Sonsitivity	-162 dBm
Mandere Casablancas Oran Margourt Tauggourt	Sicile Allecats Crète CHYPRE SYRIE Damas IRAK Brandeer 18
Acquisition	Cold <30 s, hot 1 s, A-GPS support
ALGÉRIE Dakhta Que du Gancer L Tropoque du Gancer	EGYPTE (Rep. 6' A) (Rep. 6' A) (Rep. 6' A) (Rep. 6' A)
SENE Bandino Milaney Right G U Conskry© Frectomn Const Frectomn Const Monrowto Divoirs Divoirs Monrowto Divoirs Divoirs Divoirs Lagos Dounts Frectomn Const Libreville St 1000 Frectomn Const Co	Keninala KENYA Salebbe Metfobi
OCEAN Painte-Noire Cabinda ATLANTIQUE	a B accounts

