



S400-M

Advanced Tracker for CANBus



Model	S400-M
Temperature	-40°C ile +85°C (Without Battery)
Dimensions	70 mm x 125 mm x 19 mm
Connectivity	BL/BLE(Optional)
Memory	4+16 Mb
Battery	Li-Ion 400mAh (Optional)
Supply	9-36VDC
Hardware	ArmCortex M23 64Mhz
	4+16 Mb
	Accelerometer
GSM Antenna	Interna.
Bluetooth Antenna	Optional Internal
GPS Receiver	33/99/210 Channel
	GPS L1 Frequency, C/A Code +GLONASS
	SBAS: WAAS, EGNOS, MSAS,GAGAN
	Sensitivity: -167 dBm
	AGPS Support (Online/Offline)
	Accuracy: GPS 2,5 m

GSM Modem	FourBand GSM/GPRS
	850-900-1800-1900 MHz
	Data OutPut Power (GSM)
	• Class 4 (2W) @ 850/900 MHz
	• Class 1 (1W) @ 1800/1900 MHz
	Receive Sensivity (GSM)
	• -110 dBm @ 850/900 MHz
	• -109 dBm @ 1800/1900 MHz
	GPRS
	• GPRS Class 12
	• Mobile Station Class B
	• Coding Scheme 1 to 4
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	• PBCCH Support
	• SMS Support
	• TCF Support
LED Indications	GSM, GPS, POWER

Input/Output	• 6 x Input (Analog or Digital : HS/LS)
	• 1 x Ignition
	• 2 x Digital Output
	• 2 x UART (Optional 1 x RS232 or 1 x RS485)
	• 1 x Analog Output (0-10v)
	• 1 x Internal RF Sensor Hub (Optional)
	1 x Can-Bus Port
	J1850,ISO11898
	J15765,J1939
Firmware Update	Firmware Over the Air (FOTA) – FTP
Accessories	RF-ID(Using One Uart)
	Panic Button(Using Input)
	Buzzer(Using Output)
	Immobilizer Relay(Using Output)
	Temperature Sensor
	Temperature/Humidity Sensor(Up to 5 TemperatureSensor)
	Wireless Sensors(Temperature,Humidity, Input,Output,Magnetic Switch,Button) (Optional)

Software	Geofence Area(255)
	Offline Record(25000)
	Programmable Events(255)
	Harsh Breaking, Acceleration, Left, Right Alarm
	Over Speed Dedection
	Unplug Dedection
	Trip Report
	Tow Alarm
	Direction Alarm
	Time or Distance location reporting
	Idle Alarm
	Fast Tracking
CAN	Single TJA1051
	11/250-11/500-29/250-29/500 Support
	OBD 2
	J1939 or Special CAN Formats
	Special PGNs
	Tachograph Remote Download(Single Port)
	20 Programmable PGNs