



- ▶ Internal Li-ion back-up battery
- ▶ A single unit with internal GSM and GPS antennas
- ▶ 5 x Digital input, 3 x Analog input, 1 x Odometer input, 1 x Ignition input, 3 x Digital output, 2 x RS232, 1 x Audio port, 2 x Sensor (I2C), 1 x Can-Bus port
- ▶ Tamper detection
- ▶ Integrated motion sensor (G-Sensor)
- ▶ Firmware over the air (FOTA)

TECHNICAL SPECIFICATIONS

Model	imt.14
Producer	Arvento Mobile Systems
Operating Temperature	-40°C to +85°C *
Dimensions	103 mm x 68.5 mm x 19 mm
Weight	105 gr
Data Storage	64 Mb
Battery Type	Li-ion 900 mAh
Power	12 - 24 VDC 50 - 30 mA (average) 225 - 125 mA (peak)
GSM Modem	Quad-Band GSM/GPRS 850-900-1800-1900 MHz Output Power • Class 4 (2W) @ 850/900 MHz • Class 1 (1W) @ 1800/1900 MHz Sensitivity • -108 dBm @ 850/900 MHz • -107 dBm @ 1800/1900 MHz GPRS • GPRS Class 10 • Mobile Station Class B • Coding Scheme 1 to 4 • PBCCH Support • SMS Support Superior echo cancellation & noise reduction

GSM Antenna	Internal
SAR	0.156 (W/kg) @ 900MHz
GPS Receiver	GPS Receiver 50 Channel GPS L1 Frequency, C/A Code SBAS: WAAS, EGNOS, MSAS Sensitivity: -161 dBm AGPS Support Accuracy: GPS 2,5 m, GPS+SBAS 2.0 m
I/O Ports	5 x Digital Input 3 x Analog Input 1 x Odometer Input 1 x Ignition Input 3 x Digital Output 2 x RS232 1 x Audio Port 2 x Sensor (I2C) 1 x Can-Bus Port
Sensors	G-Sensor (for motion and accident detection)
LED Indicators	GSM, GPS
Firmware Over the Air	Present
Certificates	 

* When used without battery.

