



Helios Pro

Top of the range GPS tracking and monitoring device with advanced fleet management options. Helios PRO includes already CANBUS connectivity and decoder for more than 2000 vehicles. The unit allows information from these vehicles to be read and displayed in the system. Helios PRO is equipped with BLE, allowing the use of external sensors and proximity-based detection systems. Helios Pro can be configured Over-The-Air (OTA) and it is part of Starcom GPS Solution's system including personalize alerts via text message and E- mail, detailed worldwide maps, and Geofencing alerts.

Fleet management Security CANBUS reader Fuel sensor Customized

SGS Systems: Quality with advanced features



Full fleet management and security features



Customized events through Helios Tracker Systems propriety event generator
Can be used as a standalone alarm system



Over-the-air configuration and firmware upgrade



Personalize alerts via Text message and E-mail



Worldwide detailed maps



Geo-fencing alerts

Starcom GPS Solutions superior technology - built to work better and last longer

www.starcomgpsglobal.com

Power	Power Voltage Range	8v-36v (supported in the same unit) 3mA in low power mode up to 120mA in working mode can reach up to 300mA if battery is charged
Backup Battery (optional)	Type Power	Lithium-ion Polymer 3.75V, 500 mAh
Cellular Communication	GSM/GPRS (default) Optional Modems Antenna Type Data Channels Protocol	Quad Band (850, 900, 1800, 1900) UMTS/HSPA+, CDMA/1xRTT/EV-DO, LTE Built-in (concealed) SMS & TCP/IP Propriety – encrypted
BLE (Bluetooth Low Energy)	Version Antenna	5.0 Build in (Internal)
Location	Type Time to First Fix (TTFF) Positioning Accuracy Antenna Type	GPS, GLONASS (optional) 1 sec (hot start) 2.5m CEP (50%) Velocity: 0.2m/s (50%) Built in (concealed)
COMM Port	Type Port Speed	RS232 115,200bps (default)
I/Os	Digital Inputs Digital Outputs Analog Inputs Pulses Counter CANBUS	Max 5 Max 4 Max 2 Max 1 Included
Accelerometer	Type Purpose	3-Axis, 20 mg accuracy, up to 8g Identify and report events of impact and accident
Alarm System	Immobilizer Disarming Options	External – Gradual Stop Keypad, Dallas Key, Remote Control, RF Keypad
Dimensions	Size Weight	21H x 60W x 107L (mm) 0.82H x 2.36W x 4.21L (inch) 150 (grams) 5.29 (Oz)
Temper alert	Built in Light sensor	0.025 LUX / 0 - 104,448 LUX (Sunlight)
CPU	Type Memory	NXP ARM Cortex-M3, Static RAM: 128kb ROM: 34kb, Flash: 2048kb
Power	Power Voltage Range Consumption	8v-36v (supported in same unit) 3 mA in low power mode up to 120 mA in working mode can reach up to 300 mA if battery is charged
Environmental	Operation Temperature Storage Temperature Humidity	-40°C (-40°F) to +60°C (140°F) -40°C (-40°F) to +85°C (185°F) Max 90%