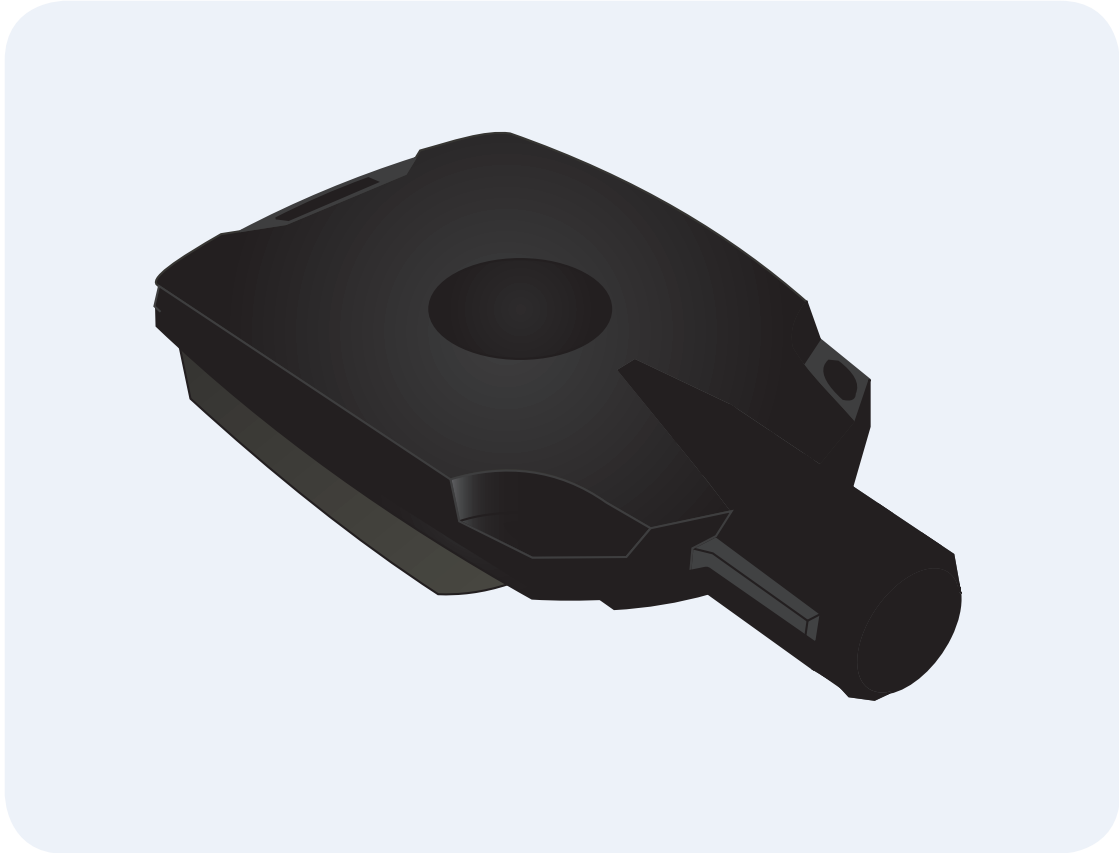


YOUR ENTERPRISE VEHICLE TRACKING SOLUTION



GO4 Version 3

The GO4V3 builds on the features that are available in the GO5 with a special focus on the needs of fleets, whether large or small. The GO4 adds the ability to track drivers for productivity and safety score carding, regardless of the asset they are driving. Additionally, GO4 has 8 auxiliary inputs that can be used to help separate necessary PTO idling from unnecessary idle time. The GO4 also has an expansion port that allows third party devices to be connected to the Geotab device, such as a Garmin navigational device, mobile data terminals, and more.

Top Features

- Supports multiple communication protocols - GSM, HSPA, WiFi, and 900 MHz
- All communications type can be combined into one database with GO5 units
- Add on satellite failover for emergencies
- Driver ID key supported
- Precise tracking and accident recreation
- Checkmate™ 5.5 and My.Geotab™ 5.5 Compatible



GO4 Version 3 - Your Enterprise Vehicle Tracking Solution

Compliance	RoHS compliant, lead free
Size	4.09" W x 1.46"H x 7.17" L (104mm X 37mm X 182mm)
Weight	195 g (6.88 oz)
Housing	Flame retardant black ABS, IP 54 water resistant with rubber gasket and boot
Inputs	Ignition plus 8 digital (true/false sensor input) plus 1 serial port
Environmental Tests	Passed SAE J1455 tests: heat, shock, vibration, humidity Temperature tested between – 40F to + 185F / -40C to +85C
32 Mb Non volatile Flash Memory Store	Main Data Memory: Records 4,650 miles (7,500 km) of city driving, or 40,742 logs Accident Data Memory: Buffer records 102 minutes of second-by-second valid data, or 6,122 logs.
Engine Management	Support for Diagnostics on CAN (ISO 15765), Diagnostics on CAN for Diesel Engines (SAE J1939), Legacy Diesel (SAE J1708), Legacy OBD (SAE J1850 PWM/VPW, ISO 9141-2, ISO 14230 KWP2000)
Operating Voltage	9V to 28V
Integration Port	Serial, default 9600 baud
Protection	PWM regulated circuitry with over-voltage clamp
Recording Parameters	Patented recording method takes user-defined thresholds for speed, turning, acceleration, and braking to provide high or low resolution trip records
Power Consumption	124 ma @ 12Vdc depending on communication method (Live, Wi-Fi or RF)
Firmware	Wireless, over-the-air update, or by key Firmware can be customized for application-specific recording
Buzzer	Test Mode: Alert for system diagnostic testing of GPS and wireless connection. Parameter: User can set parameters to alert driver of excess speed, auxiliaries (seatbelt, PTO), above a specified speed, excessive idling or over-revving
Key Housing	Accepts Geotab key. Geotab keys can be provided for driver identification, memory extraction, accident data extraction, system diagnostics, and unit setup
Clock	Internal clock is set by initial GPS latch and counts seconds for time based activity during sleep mode including Heartbeat and Voltage Recording
Voltage Recording	Records battery voltage hourly when ignition is off to report on battery health
Heartbeat	Device wakes out of Sleep Mode every hour (Wi-Fi & RF) or every 6 hours (Live) to send any buffered memory information, such as position, sensor and voltage data
Antennas	Wireless: Inside windshield mount GSM/CDMA, Wi-Fi and RF antenna GPS Antenna: Interior windshield mount (standard), external roof or magnet optional
Accelerometer	A LIS302DL from ST 3 axis accelerometer is provided for the low-voltage digital output linear MEMS housed in an LGA package. The LIS302DL has a user-selectable full scale of $\pm 2g$ and $\pm 8g$ and is capable of measuring accelerations with an output data rate of 100 Hz or 400 Hz
Installation	Simple installation offered through EZ harness (ALDL plug-in), 'T' Type harnesses or for older model vehicles: 3 wire connectivity

GPS Receiver - Ublox LEA-5A:	<ul style="list-style-type: none"> • 50-channel u-blox 5-positioning engine with over 1 million effective correlators • Supports preloading ephemeris for assisted-GPS • SuperSense ® IndoorGPS : -160 dBm Acquisition and tracking sensitivity • Antenna short and open-circuit detection and protection
GO4 RF - AC4490 - 200	<ul style="list-style-type: none"> • Frequency: (software selectable) 902-928 MHz (U.S/CA) 915-928 MHz (AU) • Modulation: FHSS FSK FHSS FSK • Output Power: (w/ 3dBi antenna) 5mW-200mW variable 5mW-1000mW variable • Power consumption: 650 mA typical • Channels: Up to 48 (US/Canada) up to 8 Australia • Security: One-byte system ID, DES • Certification: FCC, IC • Download Range: 600 ft when connecting directly to ethernet downloader or USB downloader, 1000 ft when connecting to external antenna
GO4 WiFi : Module	<ul style="list-style-type: none"> • Wireless Standards: IEEE 802.11b; 802.11g • Frequency: 2.412 – 2.484 GHz • Output Power: 14dBm +2.0 dBm/-1.0 dBm (does not include antenna gain) • Maximum Receive Sensitivity: -91dBm @ 1Mbps • Power Consumption: Average Power Consumption: Data Transfer <ul style="list-style-type: none"> - 740 mW (Low cpu); active - 250 mW (Low cpu); inactive • Peak Supply Current: 360 mA Data Transfer • Security: IEEE 802.11i - PSK with AES-CCMP Encryption / WPA - PSK / TKIP Encryption / 64/128-bit WEP • Certification: FCC Class B, UL and EN EMC and safety-compliant • Download Range: Up to 328 feet indoors • Modulation Techniques: OFDM,DSSS, CCK, DQPSK, DBPSK
GO4 LIVE GSM: Socket Modem ® GPRS	<ul style="list-style-type: none"> • Frequency: Quad-band GSM 850/900/1800/1900 MHz • Embedded TCP/IP stack • Antenna: MMCX connector • Power Consumption: 5VDC <ul style="list-style-type: none"> - 400mA typical - 1.4A maximum • Certification: CE Mark, R&TTE <ul style="list-style-type: none"> - EMC: FCC Part 22, 24, EN 301 489-1, EN 301 489-7, RSS 132, 133 - Safety: UL 60950-1, EN 60950-1, AS/NZS 60950:2000 - Network: PTCRB
GO4 LIVE CDMA: Socket Modem ® CDMA	<ul style="list-style-type: none"> • Frequency: Dual-band 800/1900 MHz CDMA • Antenna: MMCX connector • Power Consumption: 5VDC <ul style="list-style-type: none"> - 400mA typical - 700mA maximum • Certification: <ul style="list-style-type: none"> - EMC: FCC Part 2, 15, 22, 24, EN 55022, EN 55024 - Safety: cUL, EN 60950, UL 60950 - Network: CDG 1 & 2