

# C-TRACK PRODUCT COMPARISON

Updated: July 2008



Hardware Features			
Category	Fleet Management / Security Vehicle Recovery (SVR)	Fleet Management	Fleet Management
Inputs (protection 50V)	4 Digital / 1 Analogue	10 Digital / 2 Analogue / 3 Frequency	10 Digital / 2 Analogue / 3 Frequency
Measurements Tracking Device (L x W x H) (mm)	173 x 92 x 21	182 x 92 x 21	182 x 92 x 21
Aluminum die-cast enclosure with clear anodizing	✓	✓	✓
Outputs	2	3	3
Input Voltage	9V-36V	9V-36V	9V-36V
Power consumption (very low, 10% industry average)	45mA operational, 6mA sleep, 500uA hibernate mode	45mA operational, 6mA sleep, 500uA hibernate mode	45mA operational, 6mA sleep, 500uA hibernate mode
Operating Temperature	-10C to 70C	-10C to 70C	-10C to 70C
Unit Health Check	Daily	Daily	Daily
Over the air upgrade and configuration	TCP / IP stack	TCP / IP stack	TCP / IP stack
Serial Port	✓	✓	✓
Vibration/Movement sensor	✓	✓	✓
Trimble GPS unit	✓	✓	✓
Battery Tamper	✓	✓	✓
Interface & Support Tools (PDA)	✓	✓	✓
Remote Vehicle Immobilisation	✓	✓	✓
Wavecom Modem	GPRS / SMS	GPRS / SMS	GPRS / SMS
Status Information	3x LED	3x LED	3x LED
Internal Memory	Flash Memory - 2 month data average	Flash Memory - 3 month data average	Flash Memory - 3 month data average
Internal Rechargeable Battery	Li-Ion - ± 76 hrs	Li-Ion - ± 96 hrs	Li-Ion - ± 96 hrs
Driver ID	✓	✓	✓
Added Peripheral Bus expandability		✓	✓
PDA Productivity (e.g. Job Go)		✓	✓
CAN Driver compatibility		✓	✓
Base Station	C-track 6	C-track 6	C-track 6 / Google Earth
Bonnet Lock	Optional	Optional	Optional
'Call Me' button		Optional*	Optional*
Continuous Speed (speedometer)		✓**	✓**
Data Transfer methods	GPRS over SMS / SMS	GPRS over SMS / SMS	GPRS over SMS / SMS / Inmarsat / E-mail / FTP
Free Wheeling (downhill driving)		✓**	✓**
Fuel Lid monitoring		Optional	Optional
Geo Fencing (Area Alarm and No-Go Area)	✓	✓	✓
Green Band (efficient RPM range)		✓**	✓**
Hour Meter (Recommended for Stationary Assets)		✓	✓
Message Forwarding from Base Station to Mobile Phone	✓	✓	✓
Driver / Trailer Door Sensor	Optional	Optional	Optional
Movement Sensor	✓	✓	✓
Seat Belt Indicator	Optional	Optional	Optional
SMS Display (English)		Optional*	Optional*
Trailer Application	✓	✓	✓
Impact Sensor	Optional	Optional	Optional
Barcode Scanner compatibility		✓	✓
Cement Drum Rotation Sensor (DRS)		Optional	Optional
Voice Communication		Optional***	Optional***
Fleet Management Features			
Area Management / Geofencing (Multiple, Polygonal)	No Go, Preferred Area Notification, Waypoints	No Go, Preferred Area Notification, Waypoints	No Go, Preferred Area Notification, Waypoints
Multi - Speed Limit Area - Definition	✓	✓	✓
Tampering Alarm (GPS unlock, Battery)	✓	✓	✓
Route Planner	✓	✓	✓
Ignition On / Off	✓	✓	✓
Driver Drowsiness Detection	Optional	Optional	Optional
Polling	✓	✓	✓
Immobilisation	✓	✓	✓
Speed Recording - GPS	✓	✓	✓
Incident Information / Accident Data	Interval monitoring	Continuous monitoring	Continuous monitoring

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Panic Alarm	✓	✓	✓
Odometer	✓	✓	✓
Driver's License Reminder	✓	✓	✓
Maintenance Reminders	✓	✓	✓
Route Monitoring - Route / Time	✓	✓	✓
Speed Profiling	✓	✓	✓
RPM Monitoring - max	✓	✓	✓
Harsh Breaking / Acceleration	✓	✓	✓
Excessive Idle Monitoring (GPS)	✓	✓	✓
Speed Recording - Sensors		✓	✓
Fuel Monitoring (CAN Bus)		✓	✓
Web Track	✓	✓	✓
Tracking via Google Maps	✓	✓	✓
Tracking and Tracing via Google Earth			✓
Workflow Manager		✓	✓
Handbrake Audible Alarm	Optional	Optional	Optional
Communication with vehicle		✓	✓
DMM (Tachograph functionalities):		✓	✓
- Speed Profiling		✓	✓
- RPM Monitoring		✓	✓
- Harsh Breaking / Acceleration		✓	✓
- Excessive Idle Monitoring (engine)		✓	✓
<b>Key Reports</b>			
Incident / Accident Report	✓	✓	✓
Trip Report - Speed / Location / Time	✓	✓	✓
Business Private Report	✓	✓	✓
Mobile Exceptions Report	✓	✓	✓
Full / Summary Usage Report	✓	✓	✓
Graphic Usage Report	✓	✓	✓
Stop Report	✓	✓	✓
Operating Report	✓	✓	✓
Speed Profile Report	✓	✓	✓
Daily Activity Report	✓	✓	✓
Driver List Report	✓	✓	✓
Driver Rating Report	✓	✓	✓
Full Usage Report	✓	✓	✓
GYR / Driver Rating Report	✓	✓	✓
Maintenance Report	✓	✓	✓
Movement Report	✓	✓	✓
Driver Working Hour (DWH) Report	✓	✓	✓
Out of Hours Report	✓	✓	✓
Vehicle Log Report	✓	✓	✓
Communication Transactions Report	✓	✓	✓
Trailer History, Temperature and ODO Report	✓	✓	✓
Time Route Report	✓	✓	✓
Movement & Location Report	✓	✓	✓
CAN BUS Info (fuel, speed, etc)		✓	✓
Tachograph (Green Band) Report		✓	✓
<b>Services</b>			
24H C-track Control Room	✓	✓	✓
Corporate Fleet Management Services	✓	✓	✓
<b>International Quality and Product Certificates and Approvals</b>			
ISO	9000:2001	9000:2001	9000:2001
E-Certificate (Europe)	✓	✓	✓
GSM Type Approval for Hazardous Areas	✓	✓	✓

\* Requires a DCU / \*\* Requires DMM activation / \*\*\* Requires a Handsfree Voice Kit. DCU = Driver Console Unit / DMM = Driver Management Module