



CELLOCATOR CelloTrack T Introduction

Product Management, October 2013

CELLOTRACK T FAMILY FEATURES



CelloTrack Family Common Features



- Smart power management for long life field operation
- Variety of rechargeable Li-Poly battery capacities
- Built in 3D accelerometer for movement / vibration detection
- Adaptive logging/ reporting frequency (Idle, movement, speed, network, Time of day, battery status)
- Internal antennas
- IP67 (Water & Dust Proof)
- ISO16750 (Shock, temp, humidity, UV, Chemical...)
- Advanced carrier selection algorithm
- Built in Geo-fence capabilities
- Adhesive / Screws / Magnetic mounting
- Tampering detection
- Distress / activation button

CelloTrack T Platform improvements



- ▶ Cello based (HW and FW) Technology
 - ✓ Supports Additional valuable features for fleet management
 - ✓ Ready for future codebase enhancement.
- ▶ Improved power management
 - ✓ Real Time Clock (RTC) implementation.
 - ✓ CelloTrack 6M replaced by 8M version
- ▶ Scalable Cellular communication technology– available in 2G and 3G variants
- ▶ SirfStar IV positioning engine for reduced acquisition time and better accuracy
- ▶ 2 fully configurable GPIO (Temp, fuel, light, door, PTO)

CelloTrack T Platform improvements (2)



- Wakeup upon Movement detection also for 'event' message type
- Redesigned rugged, IP67 enclosure and cradle
- Dual tampering detection – Device-cradle & Cradle-surface
- Advance event mechanism allowing events to be sent immediately with correct GPS information and with server acknowledgement validation, even on hibernation or GPS off.
- Adaptive reporting policy based on battery charging and vehicle movement states

CELLOTRACK T FAMILY VARIANTS



CelloTrack T – Product Variants



- The CelloTrack T variants can be divided into 3 categories:
 - Unit type:
 - CelloTrack
 - CelloTrack Power
 - CelloTrack Lighter Kit
 - Battery type
 - 3Y (13 Ah)
 - 8M (2Ah)
 - XT (4.25 Ah)
 - Cellular network type
 - 2G
 - 3G for NA

CelloTrack T – Product Variants table



CelloTrack 2G Family / CelloTrack 3G for NA Family			
	3Y	8M	XT
CelloTrack	CelloTrack 3Y	CelloTrack 8M	CelloTrack XT
CelloTrack Power	CelloTrack Power 3Y	CelloTrack Power 8M	CelloTrack Power XT
CelloTrack Lighter	CelloTrack Lighter 3Y	CelloTrack Lighter 8M	NA



CelloTrack 3Y- Features



- Designed for non powered heavy duty assets such as trailers, containers, train cars, waste bins, mobile offices etc.
- Up to 3 years of continuous operation time (1 transmissions per day)
- External charger



CelloTrack 8M – Features



- Similar to CelloTrack 3Y Line. The main differences are:
 - Up to 8 months battery (1 transmissions per day)

CelloTrack Family 8M –The CelloTrack family entry level product line



CelloTrack XT– Features



- Designed to offer a robust solution for asset tracking in extreme weather conditions.
- Available in two flavors: CelloTrack XT & CelloTrack Power XT
- Similar to CelloTrack Line. The main differences are:
 - 15 months life time for 1 transmission per day
 - Wide operational temperature range (-30°C to +70°C)
 - Wide charging temperature range (-10°C to +60°C)

CelloTrack XT Expands the CelloTrack Family Temperature Limits

CelloTrack Power - Features



- Designed specifically for assets with occasional power source connection such as trailers.
- Built in charger connects to external power
 - Permanent installation via pig-tail harness
 - Battery is charged if external power is available
 - Battery temperature control while charging
 - Voltage range is 9-32 VDC



CelloTrack Lighter - Features



- Designed especially for applications where power is connected only on “ignition on” and minimum installation and maintenance is required.
- Comprised from CelloTrack Power and Lighter Harness, terminated with a connector which fits a vehicle’s standard cigarette lighter socket.
- Installed in the driver’s cabin with a fast and simple connection to the vehicle power.

CelloTrack 3G for North America(NA)



- ▶ Provide solution for North America market including USA and Canada
- ▶ 3G network standards.
- ▶ Supports service providers : Telus , AT&T, T-Mobile and Rogers
- ▶ Supports 3G network standards: W-CDMA 850 / 1900/ AWS and HSDPA+ 21 Mbps
- ▶ Certifications / homologation: FCC, CE Safety, PTCRB, AT&T, IC and Rogers
- ▶ Support all Product variants: CelloTrack & CelloTrack Power (3Y, 8M and XT)