

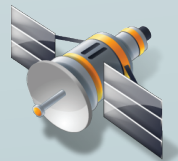


GPS COMMANDER

Innovative, Affordable GPS Tracking Solutions

RANGER CT SPECIFICATIONS

Real-Time Commercial Vehicle Tracking



RANGER CT SPECIFICATIONS

GPRS	HSPA
	

Location Specifications		
Location Technology	50 Channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN	
Location Accuracy	2.0 meter CEP (with SBAS)	
Tracking Sensitivity	-180dBm	
Acquisition Sensitivity	-147dBm	
Communications Specifications		
Data Support	SMS, GPRS (UDP)	
Cellular/PCS	FCC-Parts 22, 24, PTCRB	
GPRS Quad Band	850/900/1800/1900 MHz	
HSPA Tri-Band	850/1800/1900 MHz	
Antenna	Internal (Optional External)	External
Electrical Specifications		
Operating Voltage	6-32 VDC	
Power Consumption	< 2 mA @ 12V (Deep Sleep)	< 4 mA @ 12V (Deep Sleep)
	< 10 mA @ 12V (Sleep on Network) < 70 mA @ 12V (Active Standby)	
Physical Specifications		
Dimensions	54 (W) x 89 (L) x 16 mm (H) (2.125 x 3.5 x 0.625 inches)	110(W) x 81 (L) x 22 mm (H) (4.3 x 3.2 x 0.86 inches)
Weight	74g (2.6 oz)	113 g (4 oz)
Mounting	Tie Wraps, adhesive or velcro	
		Screw Mounting Bracket
Environmental Specifications		
Temperature	-30°C to 75°C (Operating)	-30°C to 70°C (Operating)
	-40°C to 85°C (Storage)	
Humidity	95% RH @ 50°C non-condensing	
Shock and Vibration	U.S. Military Standard 202G and 810G, SAE J1455	
EMC/EMI	SAE J1113, FCC-Part15B; Industry Canada	SAE J1113
	RoHS Compliant	
Comprehensive IO		
Inputs (3)	Input 1 (ignition), Input 2 (biased HI), Input 3 (biased LO)	
Status LED's	GPS and Cellular	
Connectors		
Power, Ground & Ignition	20 pin Molex type fused power harness	4 pin Molex type fused power harness
Inputs	Included in power harness	22 pin Molex type (22 gauge)
External Cellular	SMC	
External GPS	SMA	



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Versions

Ranger CT is available in two different cellular data versions: GPRS and HSPA to support our customer's choice of wireless network. In the USA, GPRS is supported by AT&T and T-Mobile. HSPA is supported by T-Mobile and AT&T. In Canada, GPRS is supported by Rogers, while HSPA is supported by Bell, Telus, SaskTel, MTS and Rogers.

What Are The Differences?

Generally, both version will work just as well for vehicle tracking. The GPRS version is substantially lower in price due to manufacturing volume. It is also physically smaller and can be purchased with internal or external antennas, whereas the HSPA version can only be purchased with external antennas.

Which Version Should I Choose?

Your first consideration should be based on the required coverage. As the GPRS version is much less costly, if your coverage requirements are met by this version, this would be the most economical choice. However, if an HSPA network has much better coverage in your area, then this would be the better choice. Click here to see coverage maps in your area

Key Features

- Internal Cellular and GPS Antennas (GPRS only)
- Super Sensitive GPS (-160 dBm)
- Ultra-Low Power Safe Mode (<2mA)
- Voltage Monitoring and Low Battery Notification
- Motion detection and external inputs
- Integrated odometer function
- 2,000 Buffered Messages for Guaranteed Delivery (Store & Forward)

GPS Commander is an affordable and reliable real-time vehicle tracking solution. If you have any questions or are interested in a live demonstration of our system call (888)-769-4209.

If you would like an Instant Quote click here