



# StarLink Road-Buddy

## Motorcycle Ultimate Track Solution

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**StarLink Road-Buddy** introduces a powerful, integrated, all-in-one tracking and anti-theft solution for motorcycles, designed specifically for the motorcycle rugged and wet environment.

**StarLink Road-Buddy** comes with in built immobilizer controlled by ignition key to disable the immobilizer manually.

**StarLink Road-Buddy** is suitable for personal use and fleet use as well. ●

## FEATURES

- 1 Very Low power consumption (2.4mA)
- 2 Immobilization system
- 3 Rider-machine interface
- 4 Fall and accident detection/alert
- 5 Integrated 3-axis accelerometer
- 6 Accident and towing alerts
- 7 Periodic / on-demand location by cellular data and/or text messaging for self-tracking
- 8 Water and vibration resistance (IP64 available with dedicated rubber cover)

### Multiple variants to choose from:



**2G** **3G** The device comes with variety of options for cellular communication technology to choose from: 2G (GPRS) and 3G (UMTS) modules.

**EC** ERM's patented RF technology (eConnect) designed to allow tracking of connectivity jammed vehicles (cellular and GPS), by enabling alternative communication between vehicles. The Variant offers 433Mhz or 915Mhz frequency, per request.

## TECHNICAL SPECIFICATIONS

Cellular	2G variant: GPRS Quad-Band 900/1800/850/1900 3G variant: GPRS/UMTS/HSDPA 5-Band 900/1800/850/1900/2100 All cellular options come with optimized embedded antenna.
Location	GPS/GLONASS/GALILEO, Active antenna, Sensitivity -165 dB, NMEA0193, Acquisition (normal): cold <34s, warm <34s, hot <1s, accuracy: 2.5m CEP Embedded optimized antenna
Communication	Text messages, TCP/IP over GPRS/UMTS/EDGE/HSPA, Standard short-range communication module v4.0 (in ID Variant)
Connectors	10-pin Molex connector
Input Ports	2 inputs for general use
Output Ports	1 outputs for general use
Dedicated Ports	Ignition port, one data wire for ERM accessories (eNet protocol)
Power Supply	9-32VDC, 20-30mA (average), Low power mode (GPS off) < 10mA, Power save mode (standby) < 3.0mA (average)
Backup Battery	Rechargeable, 3.6V, 750mAh (Li-ion)
Vehicle Interface	Ignition On/Off, Engine On/Off (by voltage)
Configuration / Firmware Update	OTA/Via Standard PC USB Port, parameters setup, software programming
Data Logger	Up to 8,000 messages (up to 60,000 messages - optional)

## ENVIRONMENT

Operating Temperature	-20 to 70° C
Storage Temperature	-40 to 85° C
Dimensions	9.2cm x 6.5cm x 2.8cm
Weight (NET)	120g
Durability	Vibration Resistance, Water proof with dedicated Rubber Cover
Max. Relative Humidity	90(±5)%