



StarLink eBike

Motorcycle Ultimate Track and Protect Solution

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

StarLink eBike comes with in built immobilizer controlled by ignition key or by dedicated remote control Tag which can be used to disable the immobilizer manually or automatically by sensing the driver approaching the bike (in ID variant only).

StarLink eBike 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 Auto-recognition hands-free / proximity remote (available in ID variant with 2G/GPRS only)
- 8 Alarm system - Siren, turn-signals and starter-kill kit (available in ID variant with 2G/GPRS only)
- 9 Periodic / on-demand location by cellular data and/or text messaging for self-tracking
- 10 Water and vibration resistance (IP64 available with dedicated rubber cover)

Multiple variants to choose from:



2G 3G 4G The device comes with variety of options for cellular communication technology to choose from: 2G (GPRS), 3G (UMTS), 4G (LTE - with selected band width and CAT implementations: CAT-M1, CAT1) modules.

ID Used for drivers' identification and management, and supports Black and White Lists. The ID variant includes two proximity remote controls (eCom Tags) and support various identification types. Additional Tags can be added at any time.

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 4G variant: LTE Bands CAT-4 (bands: 1,3,5,8) / CAT-1 (bands: 1,2,3,4,5,7,8,28) / CAT-m1,NB-1 (bands: 1,2,3,4,5,8,12,13,18,19,20,25,26,28,[39 for CAT-m1 only]) 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)%