169.00 EUR
incl. 19% VAT, plus shipping

- IP67 Waterproof !
- Motion-Sensor !
- SMS / TCP / UDP / HTTP !
- GPS / GSM / GPRS !

Support: Specifications

GTR-391 series is designed as durable and multi-functional highly efficient Cat 1 LTE connectivity GPS tracker enabling simple, flexible and scalable migration from 2G and 3G to 4G.
A wide range of customize protocols, industry-standard interfaces and vehicle functionalities (such as RS-232, RS-485, OBDII and CANBus) allow the GTR-391 serve a wide range of IoT applications including environmental monitoring, asset tracking, fleet management, and battery systems.

Features :

- Multi-band LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage
- 820mAh rechargeable battery
- GNSS
- Compact size and Waterproof IPX7 design
- Built-in high sensitivity GPS/Cellular antennas
- Built-in motion sensor
- Support cell ID
- Multiple I/Os support■
  - ACC detection
  - RS-232/ RS-485/ CANBus Transmission (Option: Choose one of three)
  - Digital Input for custom function or optional emergency button
- Configuration and firmware update via Over-The-Air
- Support communication protocols- TCP/HTTP/HTTPS/SMS
- Installation by Double-side Tape & Velcro Tape
- Perfect power management control
- Thermal solution with IPX7 design and waterproof cable connectorx

Accessories:

- Main Cable
- 8-Pin Hard Wire Power & I/O Cable

MCU	STMicroelectronics Solution
External Flash Memory	32MB for Data buffer & debug log
GPS	QUECTEL GNSS Solution
GPS Frequency	L1 frequency (1575.42 MHz)
GPS Antenna	Built-in patch ceramics antenna
Cellular Antenna	Built-in Pi-Fa antenna
Antenna Type	Built-in patch ceramics antenna
LTE Module	GTR-391E : Europe LTE Band 1, 3, 7, 8, 20, 28 (700, 800, 900, 1800, 2100, 2600 MHz) WCDMA Band 1, 8 (900, 2100MHz) GSM/EDGE Band 3, 8 (900, 1800MHz)
Indicator LED	Red/Green/Orange
Communication Protocol	TCP/HTTP/HTTPS/ SMS
Transceiver Interface	RS-232 / RS-485 / CANBus (Choose one of three)
Back-up Battery	820mAh rechargeable
Sensor	Normal mode: Red blinking: Device is under booting and SIM-PIN not ready Red solid: SIM PIN Ready but GSM not registered Yellow solid: GSM registered, but GPRS not connected Green solid: GSM registered, and GPRS connected Hiding mode: Red blinking: Device is under booting After complete the boot, turn off all LEDs.
Sensor	G-sensor for Motion detect
SIM Type	Nano SIM or eSIM
Button	Reset (short press)
Dimennsions	65g / L107.5mm x W38.7mm x H22.8mm
Operating Temperature	-30°C~85°C (Storage: -40°C~90°C / 5% ~95% Non-condensing)
Certification	TBD
External GPS ANT	MMCX or SMA Connector (HW reserve)
8 pin I/O:	Power Input: 1 - DC +12V ~ +24V 2 - GND Ignition (ACC) Input 3 - Positive trigger Digital Input 4 - Negative trigger (Option: Emergency button) RS-232/RS-485/CANBus 5 - Transmission Input 6 - Transmission Output 7 - GND