

# TRACE5



A CELLULAR-BASED  
REAL-TIME VEHICLE  
TRACKING AND  
TELEMATICS SYSTEM

## FEATURES:

- › **Real-time GPS tracking**
- › **LTE CAT M1 (4G) connectivity**
- › **Internal battery**
- › **3-axis accelerometer**
- › **Driver behavior monitoring**
- › **Geofence alerts**
- › **Driver tracking**
- › **Trip tracking**
- › **Sensor and accessory integration**

## VERSATILE & INTERCONNECTED

The Ruptela Trace5 is a cellular-based, real-time tracking and vehicle management solution. With full integration of on-board systems, support for both light and heavy duty vehicles, remote emergency alerting, audible alerts, sensor and accessory integration, the Trace5 is in a class of its own.

## POPULAR SENSORS FOR TRACE5



**Panic Button**  
Allows the driver send an alert to SkyRouter.



**Engine Block Relay**  
Allows users to remotely block vehicle engine.



**Door Sensors**  
Allows tracking of door opening and closing events.



**Buzzer**  
Informs if driver-specific events happen.

# SPECIFICATIONS

## ENVIRONMENTAL

### Temperature

Operating:	-22 to 140°F	-30 to +60°C
Storage:	-40 to 149°F	-40 to +65°C

**Relative Humidity** 5% to 95% Non-condensing

## ELECTRICAL

**Power Supply Range** 8 to 30 VDC

**Internal Battery** LiPo 3.7 V 190 mAh

## POWER CONSUMPTION @ 12 VDC

<b>Operating</b> (battery fully charged)	Idle mode:	33 mA
	Active mode:	76 mA (peak)
	Sleep mode:	5 mA (lowest)

## CONNECTIVITY

### LTE Cat M1 (4G)

Modem:	Quectel BG96
Antenna:	Internal
Bands:	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/ B20/B28/B39

### GNSS

Module:	U-blox EVA-M8M
Antenna:	Internal
Positioning systems:	GPS, GLONASS, Galileo

## CERTIFICATIONS AND RATINGS

**Certifications** FCC, IC, PTCRB, Carrier approvals (AT&T)

## INTERFACES

### Digital Inputs

Available inputs:	1
Voltage range:	0 - 30 VDC

### Analog Inputs

Available inputs:	1
Voltage range:	0 - 30 VDC

### Digital Outputs

Available outputs:	2
Maximum voltage:	32 VDC
Maximum current:	1 A

### User Interfaces

Mini USB interface  
RG indication LED

## FEATURES

**Internal Storage** 8 MB

**SIM Card** Micro SIM

### Device Management

Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely

### Accelerometer

Built-in 3-axis (auto-calibrating, impact detection, motion sensing, tilt detection, g-force up to 4 g)

## PHYSICAL PROPERTIES

**Dimensions** 2.54 x 2.40 x 0.87 in / 65 x 61 x 22 mm

**Weight** 2.47 oz / 70 g

**Housing** Plastic

## USE CASES:

Track and trace, safety and security, green fleets, delivery, service fleets, vehicle leasing and financing, car rentals, and more.



**ANY OPERATION  
ANY ASSET  
ANYWHERE**

Blue Sky Network

