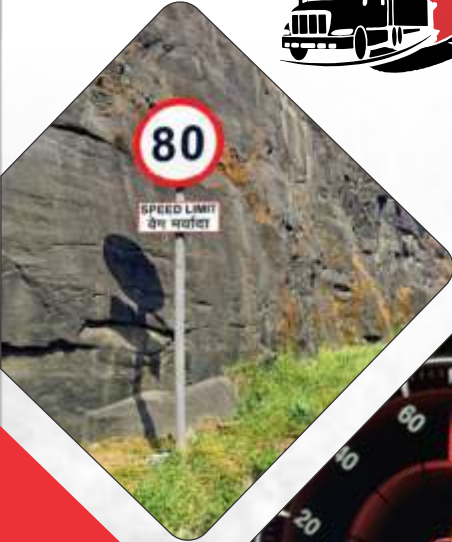




# TMC

**DIGITAL SPEED GOVERNORS**

**SPEED LIMITER, TRACKER AND RECORDER**



**UGANDA | KENYA | TANZANIA | BURUNDI | RWANDA**

*Have Control 24/7*



# WHAT WE DO

## COMPANY OVERVIEW

We are a Fleet management and Vehicle tracking company that has been in existence for the past 10 years having been established in 2009 under business name Trailmycar Solutions, and later incorporated in 2015 as a limited company. We are industry leaders in asset security and fleet management.

Our team is constantly researching and coming up with new products to suit consumer needs. We have been in the business of selling and installing speed governors, and have recently introduced the digital speed limiters, **TMC001**.

## TMC001 - PRODUCT OVERVIEW

The product design meets the speed-limiting requirements of Kenya KS2295-1 KS2295- 2 standard.

It is key to note that we do upgrades of any existing speed governor to the current NTSA/KEBS specifications. In general, the company deals in the delivery, supply and installation of digital speed limiter, vehicles trackers, vehicle alarms and gear locks within the East African market.

Trailmycar prides itself on our strong long-term business relations and client focus. is proud of its strong client focus and long-term relationships. systems.

## 1.1 THE TEAM

We regard talent as the fundamental foundation of any company. We pride ourselves of having a highly trained and professional team which is passionate about service and delivery.

Our employees are passionate about service delivery and go above and beyond to exceed clients' expectations. Their ability to pay attention to detail, paired with immense experience has made our company a perfect choice for asset security and fleet management.



## OUR VISION

To be a leader in the provision of fleet management, vehicle tracking services and Speed Limiter solutions that is accurate and reliable.

## OUR MISSION STATEMENT

To provide quality and affordable services in property security, fleet management vehicle tracking services and Speed Limiter solutions through utilization of well researched and specialized technologies.

## WHY CHOOSE US

Trailmycar commits to offering simple but reliable solutions operated across multiple support platforms that have satisfactorily met and surpassed client needs and requirements. We are in the business of helping you keep proper tabs on your mobile assets as well as take control of utilization of your fleet using the latest technology for maximum realization of return on your investment. To top it all We 24hr control center that offers technical support to our clients and

## ABOUT TMC001

### PRODUCT FEATURES

- ✓ Speed limiting ability when set speed is reached.
- ✓ Real time tracking using GPS and SMS, enabling owner to track vehicle movement
- ✓ Features 120 hours of speed recording
- ✓ Tamper proof
- ✓ History recording of speed, mileage, time, location and driver ids
- ✓ Alerts in case of over-speed, power cut off, low battery and driver fatigue
- ✓ Printed reports on speed, trips, last position, alerts, ACC status, mileage and last position
- ✓ Web surveillance – ability to track using phone or computer

# TMC001

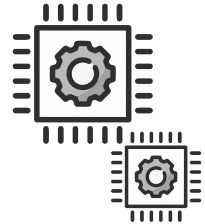
## TECHNICAL SPECIFICATIONS OF OUR DIGITAL SPEED LIMITER (Device Basic Parameters)

ITEM	CONTENT
Model Name	TMC 001
Working Voltage	9-36V
Working Current	60mA
Working Temperature	-20 to 100 centigrade
Power consumption	3.52W
Digital input range	6000HZ
Calibration Range	10—200KPH
Speed limiting range	5-225KMH
Applicability	12/24v Vehicle



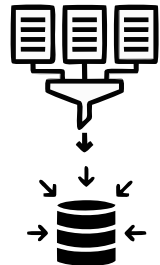
## Hardware parameter (Main unit)

ITEM	CONTENT	REMARK
GPS Chip	Ublox 7M	
GPS Accuracy	2-10m	
GPS Sensitivity	-159dBm	
GPRS chip	QUECTEL M26	
	Class 12	
	CS 1,2,3,4	
GSM communication band	GSM 850/900/1800/1900MHz	
Memory (ARM)	40000 blind data 32MB flash	
Storage capacity	120hours speed record	
Download speed	85.6kps	
Upload speed	85.6kps	
Backup Battery	3.7V/ 1600mAh ( 72hours)	
Internal Buzzer	95 dB	
Main material of equipment	Aluminum alloy	
Device dimension	90*59(82)*23mm	
Weight	0.46 KG	With Cable
Power Cable length	120cm	

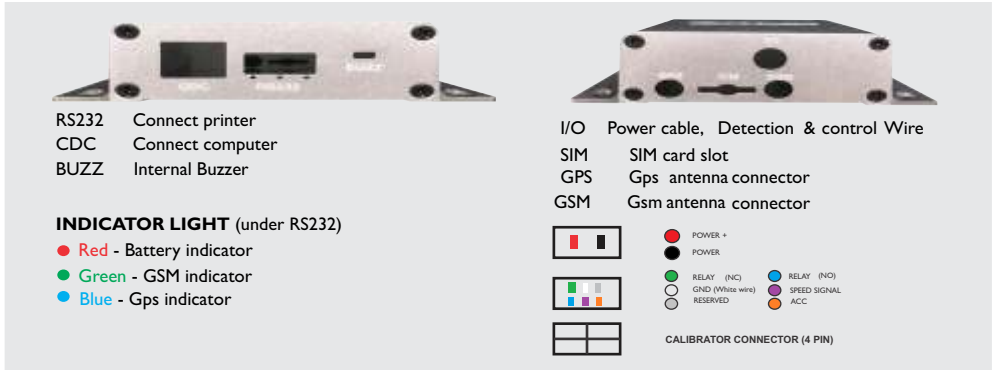


## Onboard data storage

	ITEM	CONTENT	REMARK
Type A	Communication protocol	RS232 protocol	Used for connect portable printer
Type B	Communication protocol	USB CDC protocol	Used for connect computer
	USB 2.0		
	Speed	FS , 12 Mb/s	
Portable printer	Communication protocol	ECS/POS protocol	
	Battery	7.4V/1500mah	
	Thermal printing	44ppm	
	Weight:	750g	



## Power cable / IO cable



## Tracking system function list

Function		Yes ✓
Real time tracking (via SMS)		✓
Real time tracking (via GPRS)		✓
Update position online by interval and distance		✓
History recording	Speed	✓
	License No.	✓
	Odometer (mileage)	✓
	Date & Time	✓
	Driver ID	✓
	Physical address	✓
	Phone number	✓
Alarm	Over speed alarm	✓
	DC power cut alarm	✓
	Low battery power alarm	✓
	Geo-fence alarm	✓
	Fatigue driving alarm	✓
Report	Trip report	✓
	Last position	✓
	Satellite photo	✓
	ACC status report	✓
	Alarm report	✓
	Mileage report	✓



## FUNCTIONS OF THE TMC001 SPEED LIMITER

The main function of our speed limiter is the ability to limit vehicle speed within controllable range. It also has the following highlighted functions:

### 1. Record data:

- a. History data recording within 72 hours, including: Speed, License No., Odometer, Date & Time, Driver ID No., etc.
- b. Support retrieving history data from USB port.

### 2. Parameter query & setting:

All parameters can be set directly in computer, and each device can be programmed through an USB flask disk, which is tamper-proof and need password.

### 3. Tachograph & Speed Limitation function:

When the vehicle speed is close to pre- set speed limit value (default 80km/h), the speed limiter will issue a " beep, beep" sound alarm to remind drivers to slow down. If drivers do not slow down, it automatically starts to reduce throttle actuator, until the speed drops to restore the driver to control the throttle. Meanwhile, the speed limiter will record the driver code, license plate numbers, over speeding time etc.

### 4. Display Screen to show real time data and parameter details

### 5. Real time transmission of data to NTSA server, as per the new regulations.

## BENEFITS OF THE TMC001 SPEED LIMITER

**Safety** – the limiter will control the vehicle speed efficiently when the driver encounters emergency without affecting driving ability, hence lowers accident occurrence rates.

**Increased fuel efficiency**- The speed limiter controls the vehicle speed within the preset value so as to significantly lower fuel consumption.

**Vehicle Maintenance** - The controlling of vehicle speed means a reduction of times of braking and abrasion and an alleviation of vibration and load on the engine.

**Increased operational Efficiency** – Ability to track vehicle movements and control speed helps improve fleet operations and productivity.

**Easy installation** – the device is easily installed and is compatible with any motor vehicle model.





## **ADVANTAGES OF TMC001 SPEED LIMITER**

We can upgrade any existing speed limiter to current set standards.

Better safety of all Road user by avoiding over-speeding

Reduced maintenance cost for the vehicle owner(s).

Ensures Stress and fatigue free driving, and better control of the vehicle.

Product comes with a 1-year warranty period, with 24hrs technical support.

Approved by all government bodies KEBS, CMTE and NTSA.

Our speed limiters are tamper proof.

## **OUR CLIENTELE**

- \* Our clientele comprises of the following (but not limited to):
- \* Individuals
- \* Tour & Travel Operator's
- \* Transportation and Haulage companies
- \* Taxi operators
- \* Delivery and Distribution companies
- \* Leasing and Car Rental companies
- \* Banks and financial institutions
- \* Schools and colleges
- \* Hospitality industry
- \* Hospitals and Health institutions



