

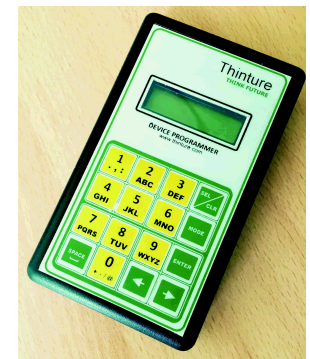
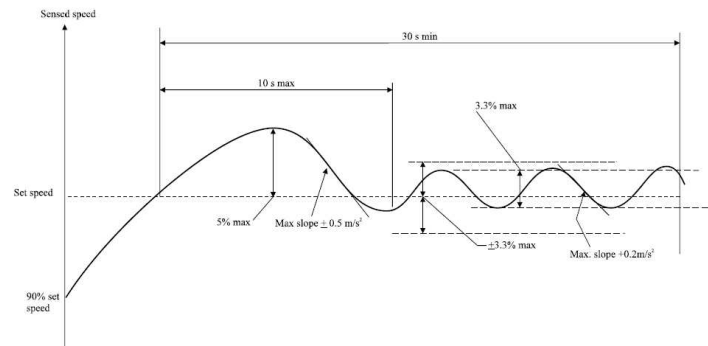
Speed Limiter & Recorder – Advanced version



Thinture
Think Future

Basic Version features:

- ❖ Speed Limiter function as per international standards.
- ❖ Recording function as per KEBS standards.
- ❖ USB direct reading feature without additional software.
- ❖ Designed and tested as per automotive standards.
- ❖ Uses proper fuel valve to control speed without affecting engine power.
- ❖ Tamper resistant



Advanced Version:

**Speed limiter
Recorder
USB Drive**



**Driver ID using i-button
(optional)
Live tracking
Off road sensor (optional)
Harsh braking detection
Seat belt input**

&

Many Software features



ALL IN ONE !!

Optional features:

1. Driver ID using i-button



- a) Driver ID is used to make the driver responsible for a particular trip.
- b) Vehicle will start / release full speed, only after i-button is applied (extra security feature)
- c) Each driver details are linked with i-button and linked with reports.
- d) Upgradable driver ID storage capacity

i-Buttons have an advantage over conventional smart cards in term of durability and longevity.

Protected by stainless steel casing

Greater ability to survive in a range of temperatures from -40 C to +70 C

Used in harsher range of environments (such as exposure to salt water and long term exposure to physical impacts) than the plastic smart card.

Features:

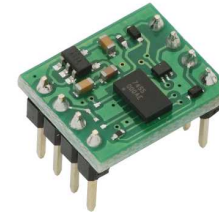
1. **Live tracking Feature (Hardware features)**



- a) In-bulit GPS / GSM modules with internal high sensitive antennas.
- b) Combined module, with data transfer ability (Speed, Acceleraion etc.)
- c) Vehicle Speed switch-over capacity from VSS to GPS speed
- d) Turning angle based data transmission for accurate distance calculation.
- e) Automotive grade components.

Optional features:

1. Off-road / harsh braking



- a) In-built high precision 3axis accelerometer sensor.
 - b) Adjustable vibration sensitivity for off-roading events.
 - c) Harsh acceleration and braking detection
 - d) Speed sensor based high frequency speed calculation for events.
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- a) Speed Measurement in GPS happens with every second update of data at any given speed. With at least 3 values only, vehicle speed can be calculated. The calculation error increases with higher speeds.
 - b) Speed sensor gives high frequency output for faster speed calculation.
 - c) Gps can struggle on hills as it 'sees' the world as generally flat and it will on occasion record 0mph or an inaccurate speed whilst you grind up a steep slope.
 - d) Shades and high rise buildings can affect the GPS accuracy.

Features:

- a) Seat belt ON / OFF
- b) Impact / tilt sensor (optional)

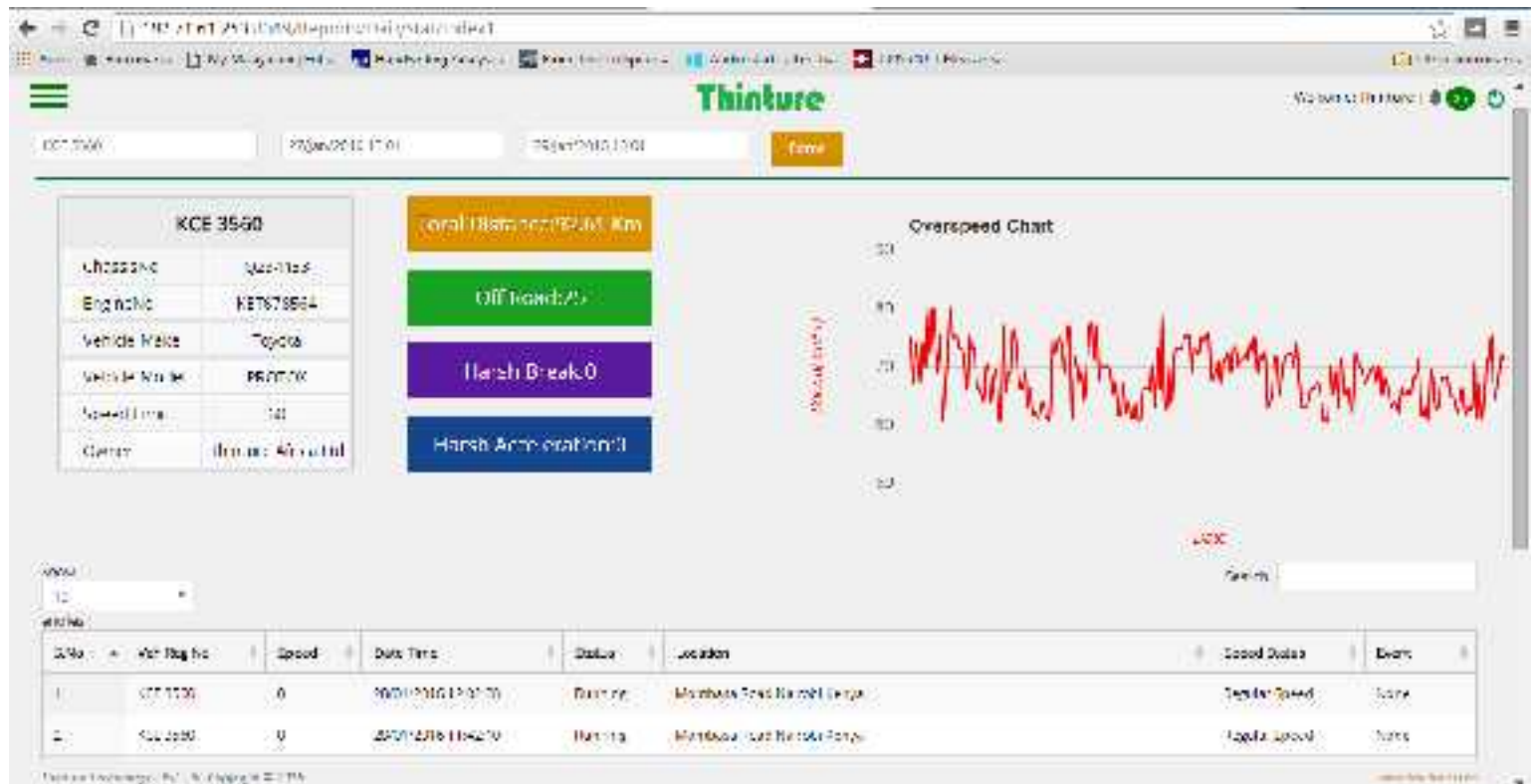


Software Features



Live tracking & Reports

Software Features



Driving & Over speed Reports

Benefits to the Owners

- 1. Combined unit with all required features.**
- 2. Speed limiter function can be monitored remotely.**
- 3. Live tracking features allows monitoring and control of vehicles 24x 7**
- 4. Control vehicle misuse.**
- 5. Accurate reports related to speed and distance.**
- 6. Driver evaluation (Over speed, off road, harsh braking, entry to no permission areas, running time, long idle time etc.)**