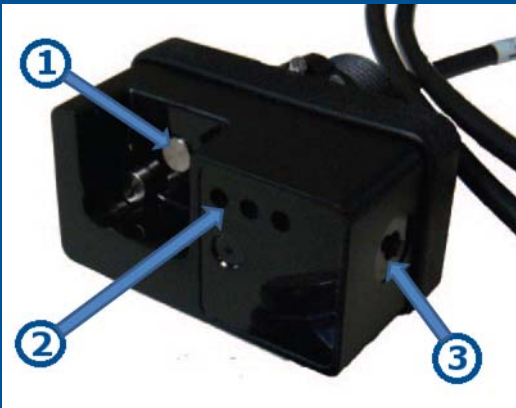


DRIVER SAFETY TDI 100 IN-VEHICLE HARDWARE

Trimble Driver Safety makes drivers aware of their driving behaviors and helps to promote a safe driving culture. By encouraging better driving, companies will achieve a lower accident rate and reduce their liability risk.

In addition, through reducing speeding and harsh events, drivers will also help reduce their employer's operating costs in areas such as fuel, repair and maintenance. These improvements will also help customers improve the sustainability of their business and minimize their environmental impact.

Understanding the TDI 100



1. Driver logo with iButton

2. LEDs for Driver Safety

3. Privacy button (optional add-on)

LED FUNCTIONS

The TDI 100 reports on three event types

1. Turns
2. Accelerations
3. Braking

The LEDs have several functions that occur:

- They will continue to transition between colors during the drive based on driving behavior.
- They may toggle between two colors(i.e. green and amber) if the calculated acceleration force is near the threshold.
- They can move from green directly to red if a maneuver event is severe enough.
- They can move to green on their own if driving on a long straight road (i.e.interstate) due to the automatic decay.

The LED will transition from RED to GREEN using two methods:

- Driving safely – the better (safer) the driving, the faster the LED will return to GREEN.
- Automatic decay – if on a long stretch of road where few maneuvers are performed, the LED may transition from RED to GREEN, but this will happen over a longer period than driving safely with several events.

AUDIBLE ALARM FUNCTIONALITY

An audible alarm will sound during an event to indicate it was performed too severely.

The Audible Alarm is turned off for hard braking by default. The Audible Alarm may be turned on or off for any event by your fleet administrator.

The Audible Alert has a few different operations:

- Operates independent from the LEDs.
- Sounds without causing an LED transition.
- Detects accelerations that are not created from a stopped position.

LED COLOR KEY

