

Product : **MiniTOUCANGO\_220**

## Product description :

### The Driver companion

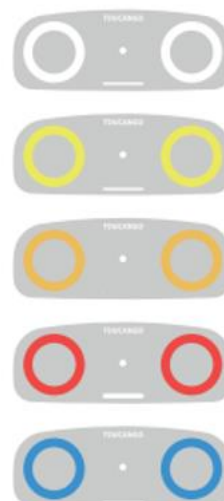
The MiniTOUCANGO is an intelligent and universal driver assistance system as an accessory that assists the driver against the road risk of drowsiness and distracted driving. Using its high-speed sensor, it scans 68 points on the driver's face 60 times per second and thus detects the first signals of drowsiness and distracted driving.



With its data fusion technology, the MiniTOUCANGO combines the facial signals with the driving environment signals present in the box such as speed, location and type of road, travel time, and time of day or night. The MiniTOUCANGO will then assist the driver in real time at the wheel with audible and visual alerts from the unit. The MiniTOUCANGO unit is intelligent, connected, and offers 5 levels of sleepiness to the driver with predictive sound alerts and progressive colour levels. MiniTOUCANGO also offers two levels of distraction (abnormal loss of vision on the road and abusive use of texting on smartphones). Customer services are offered such as reports and statistics related to the Alerts issued, recorded, transmitted and secured by each MiniTOUCANGO.

### Main features and functions

- Intelligent algorithm for facial analysis of the driver's face and detection of loss of vigilance, using data fusion technology with the environmental sensors integrated in the case (GPS, clock, accelerometer).
- **5 levels of detection and warning of drowsiness,**
- 2 levels of distraction from looking at the road
- Alerting by LEDs and audible alerts by loudspeakers
- Infrared LEDs available at night and in tunnels
- Detection of face, mouth and eye signals even with the majority of glasses and sunglasses
- Sensitivity adjustment with the + and - buttons on the intensity of the light and sound alerts.
- Recording of alerts and trip data
- Wifi or 3G/4G radio transfer mode of Alerts and trip data
- Update of corrective software and new features available automated by radio
- The housing is fixed by a ball-and-socket joint system for easy installation and adjustment.
- Fixation with adhesive or magnetic accessories on the dashboard
- Power supply to the vehicle via 3m USB cable



## Options on demand

- App Toucango user software
- SD card storage option
- Drowsiness and Distraction Alert Reporting Risk Management Service,
- Interoperability with external devices, through wireless Bluetooth, wifi, 3G/4G or wired connectivity.
- Road-facing camera for recording coupled with Driver Vigilance (on demand)
- Various mounting accessories
- Numerous Services (on demand)

## Specifications

- High-speed multi-core microprocessor
- Optical sensor and near-infrared lens
- Flash Memory (16GB)
- Invisible high-power infrared LED
- Operating status LEDs in white, green / orange / red / blue luminescent booster
- Sensor Clock RTC
- Accelerometer Sensor
- GPS sensor
- Micro speaker (min. 75dB)
- Voice IC for various warnings, effective sounds
- Overvoltage and current, reverse voltage and ripple noise reduction protection circuits
- Power consumption max. 10W
- Input voltage DC 12/24V

## Other information

- Operating temperature: 0° ~ 50° C
- Storage temperature: -20° ~ 70° C
- Physical dimensions: 108 X 87 X 87mm (with mounting)
- Net weight: 225g (with the bracket)

## Product Reference :

- MiniTOUCANGO\_220

## Contacts :

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