

Leisure Auto Safety Technology Ltd

903-904,block B, Bainaohui, 598 Tianhe Rd.,Tianhe District, Guangzhou, China
T:0086-20-85567251,M:0086-15918547028,E:support@leisureautosafety.com,www.leisureautosafety.com

Keep away from fatigue driving, Protect your life and properties

Driver fatigue alarm system LS-803





60%

of adult drivers

(about 168 million people)

**have driven a vehicle
while feeling drowsy**

Source: National Sleep Foundation



37%

(about 103 million people)

**have fallen asleep
at the wheel!**

Source: National Sleep Foundation

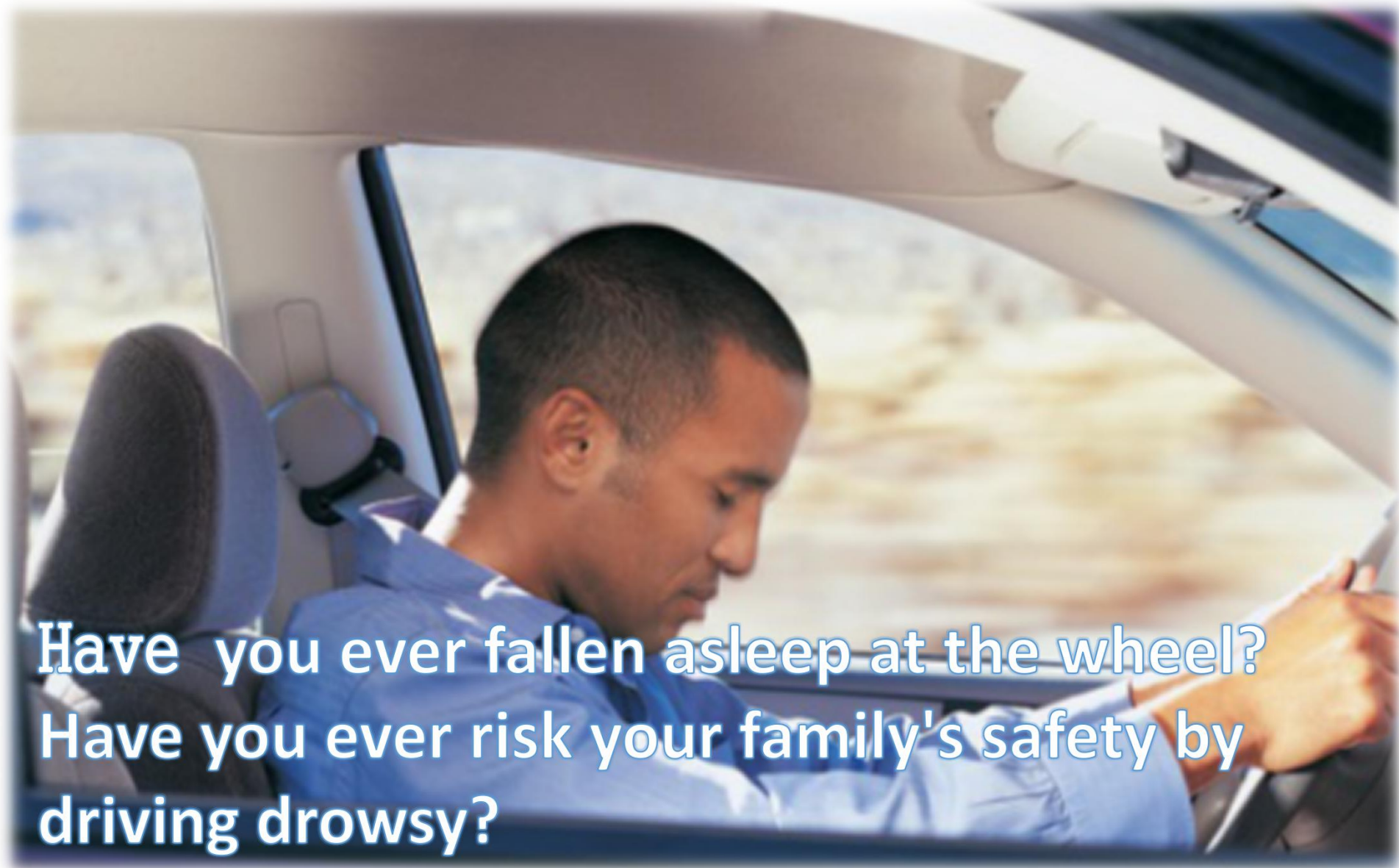
there were

846

**drowsy driving
related fatalities
in 2014**

Source: National Highway Traffic Administration





**Have you ever fallen asleep at the wheel?
Have you ever risk your family's safety by
driving drowsy?**

Now you can **stop** this!

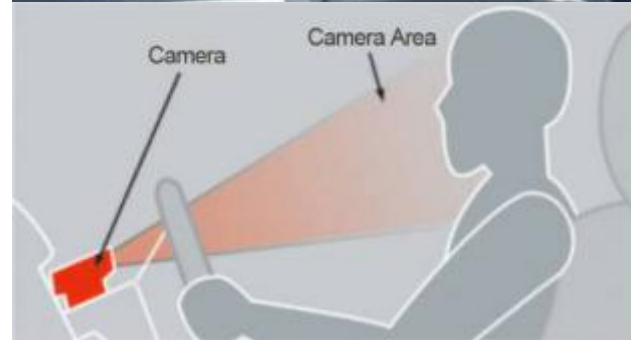
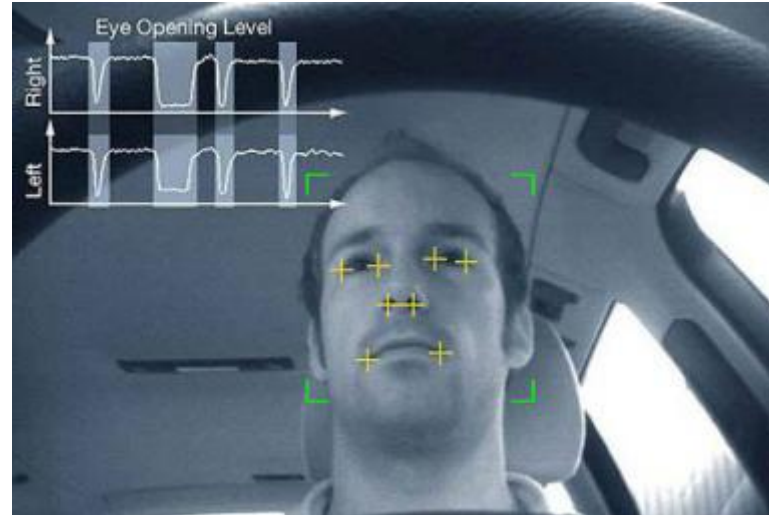


You and your family's safety should be the most important property.
LS803 keeps you and your family away from the dangerous of fatigue driving.

How can we do?

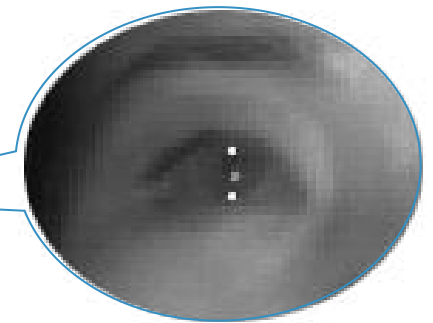
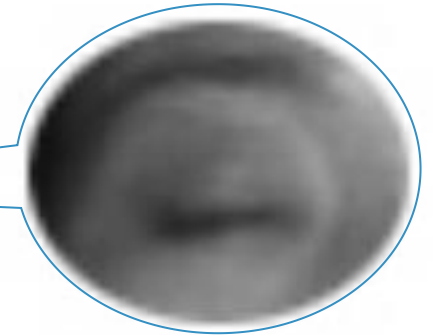
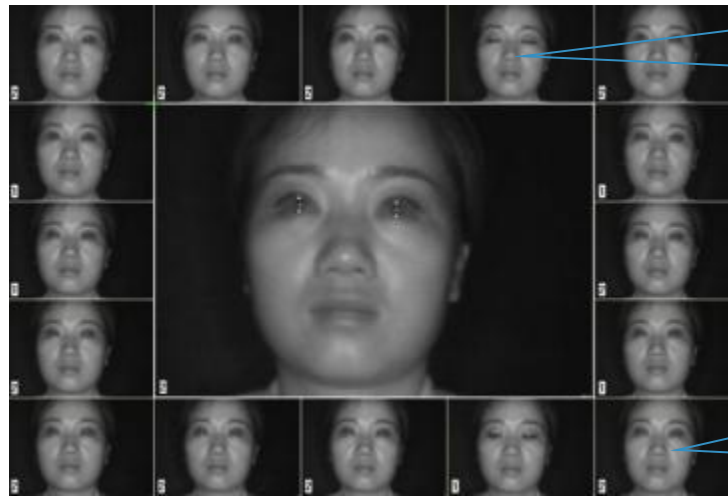
Step 1: Camera

non-contact infrared
camera--capture human
eyelid and retina status



Step 2: Algorithm

Analyze the driver's fatigue status according to PERCLOS algorithm.



Step 3: Alarm

Alert the driver by light and voice alarm if eyes not been detected in 2 seconds, well before they fall asleep at the wheel.



Step 4: Vibration

What can I do if the voice can't wake me up? Don't worry, we have vibrate here.

Vibration is more shocking than voice alarm, wake up the drowsy driver immediately.

Vibration is a silent alarm, wake up the driver only, instead of the passenger.



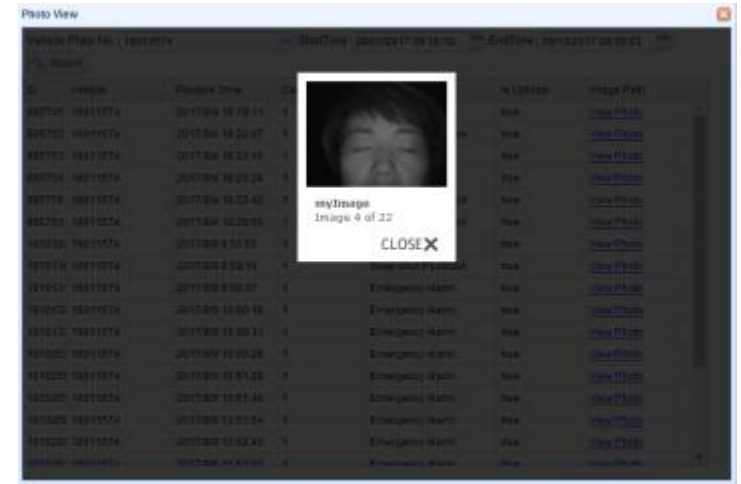
Step 5: Center Monitor



LS803 triggered



Forward to the
GPS tracking
system



Send to the
monitor center
by GPRS

Driver with Glasses? Sunglasses?

No problem!



LS803 adopt special filters to remove irregular sunlight reflection, catch the pupil status only.

Drive at night, bad weather?

No problem

LS803 adopt Infra-Red LEDs ensure the sytem work even while drive at night or in other low light situations, this is a very important feature because most fatigue driving accidents occur late at night or bad weather.



Application



New Application



Assembly line worker

Except for drivers, LS803 can be used on high strength and dangerous assembly line, prevent the workers distract.

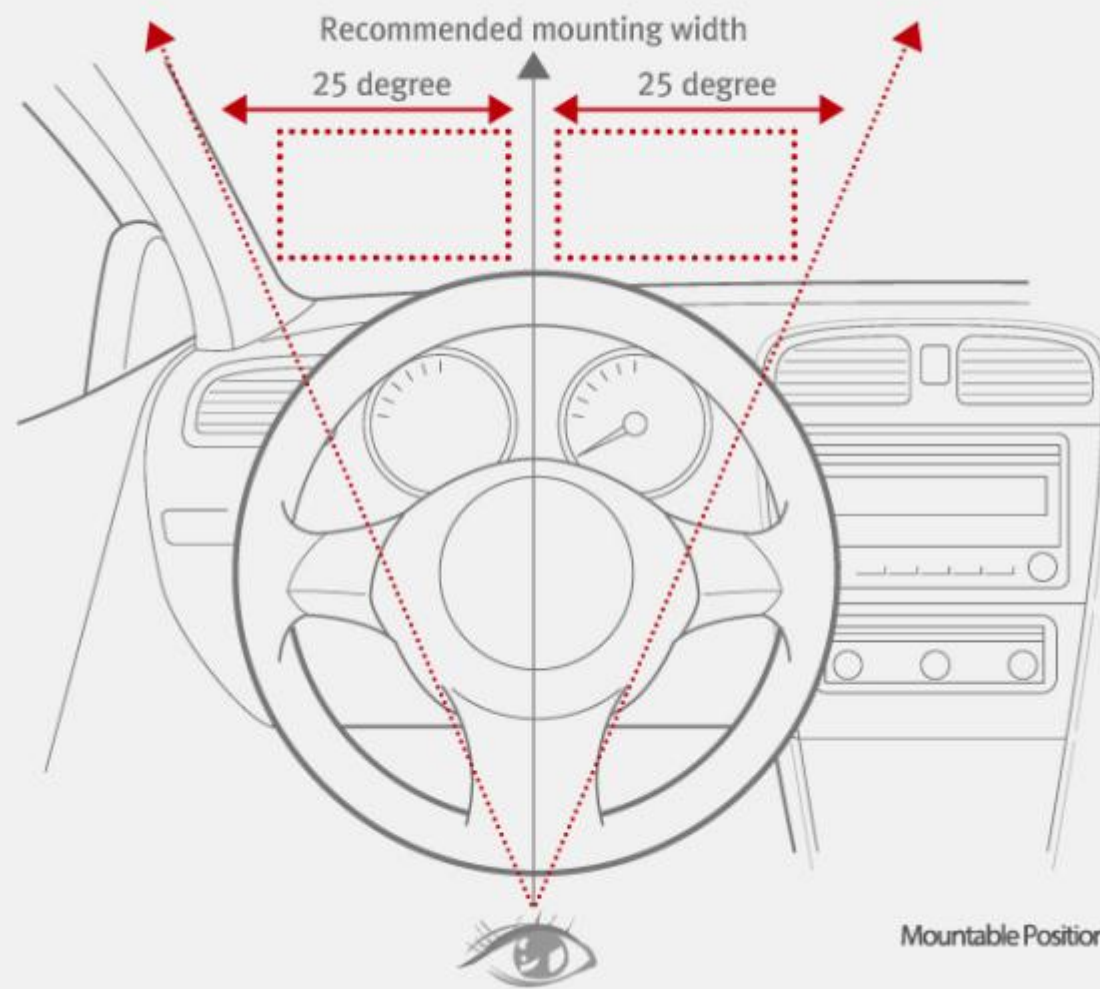
Components

- 1.On/Off switch
- 2.lens
- 3.working status light
- 4.GPS signal light
- 5.Fatigue status light
- 6.infrared LED
- 7.sensitivity switch
- 8.Signal output socket
- 9. Power socket
- 10.speaker
- 11.pedestal
- 12.Power socket

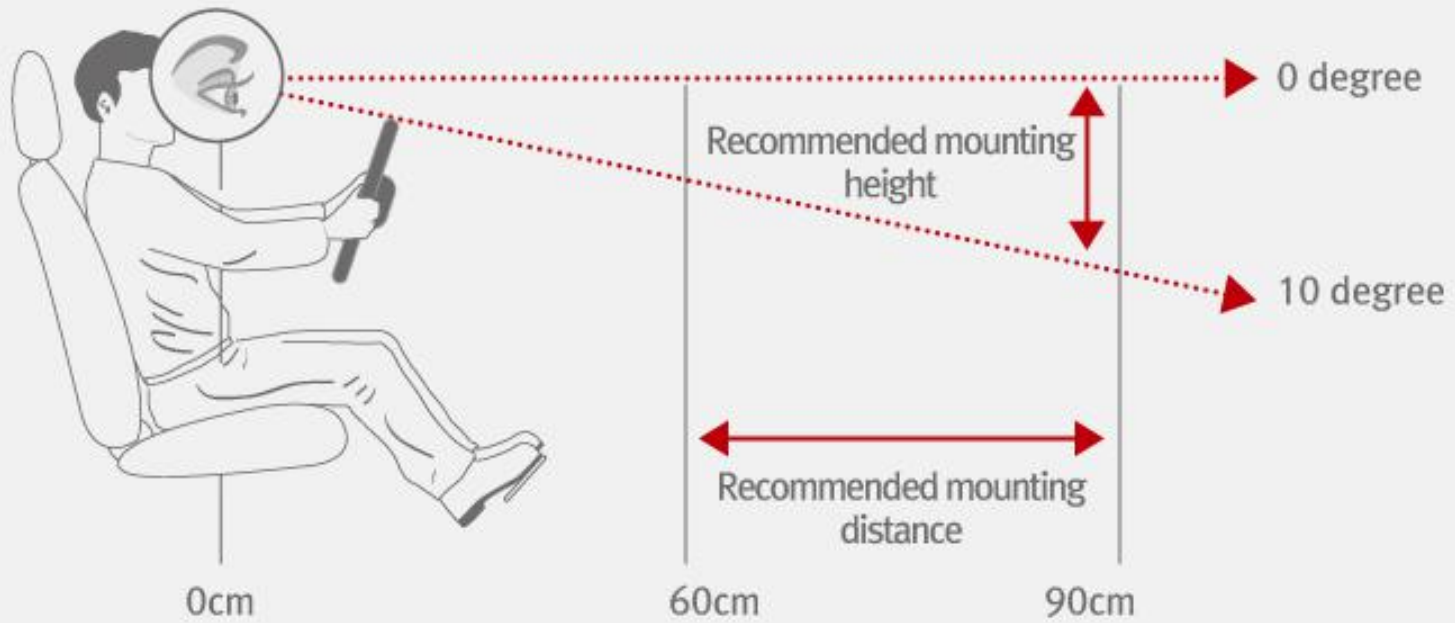


Mounting Guide





Mountable Positions (Front)



Mountable Positions (Side)