

Dooring Alert Systems, is a vehicle integrated alert system that will save lives and injuries caused by dooring. The product will automatically activate an alert signal and is designed toward the prevention of injury to people biking.

Dooring Alert Systems have invented an alert system which is a vehicle integrated alert system designed to alert the , driver, passengers and the rider prior to a door opening,

It's really no one's fault however this alert system will override human thoughtlessness!

Dooring Alert Systems will induce a Cultural transformation for all Road Users.

The alert system will initiate a safer environment for all vehicle occupants, and riders.

## **DAS ALPHA: RETROFIT MODEL**

### **DAS Alpha Features:**

- Affixed internally on vehicle back window.
- Lighting Alert System units located on each outer edge of the internal back window .
- Currently a Wireless Dashboard Switch (DAS labelled) activated upon entry and prior to journey commencing, incorporating an ignition sensor. See below.
- We are also working together with engineers, to automate this initial activation process, as to eliminate human involvement. The alert system ignites when any seat belt is unfastened.
- The product will **automatically activate an alert signal.**
- Auto- sensor within seat belt mechanism, activating the DAS -Alpha lighting.
- Manual turn off system.
- Auto shut down of alert system upon locking the vehicle.



Rear Mount

### DAS Alpha Benefits:

- DAS Alpha on back window is visible to oncoming traffic , including riders that a door is about to open
- DAS Alpha on back window , illuminates vehicle cabin , benefits occupants awareness of outside and oncoming traffic / road users
- DAS Alpha on back window , illuminates vehicle cabin , benefits rider awareness of vehicle occupants
- Seat Belt activation of DAS Alpha, lighting provides rider ample time to take evasive action, together react safely to the situation, stop or move to clear the door zone, prior to the door opening.
- Lighting Alert System continues and Vehicle occupants are prompted to check the door zone is clear of riders
- Safer opening of vehicle door

### DAS LAMBDA: NEW MANUFACTURED MODEL

Our vision for the extended version of the Doorling Alert System is, DAS – Lambda, designed for new manufactured vehicles. As a minimum, the unfastening of any seatbelt, together with further software development, incorporate such lighting system to the back window, within the side mirrors and containing cameras to monitor oncoming traffic. The ongoing discussions with software engineers will see the creation of additional features within DAS – Lambda, and be incorporated as a standard feature.

### DAS Lambda Features:

- DAS Lambda located on each outer edge of back window (2 Das Alpha units)
- Affixed internally on vehicle back window
- DAS Lambda also incorporated into 2 side vision mirrors as a minimum
- Camera affixed and incorporated into mirror mount.  
  
Automatically activates DAS , with further software development, including wireless activation as a minimum
- Camera monitors are on front dashboard region and mounted within the rear head rest of front seats.
- Each time the brakes are applied the cameras are activated and the monitor provide a view of oncoming traffic.
- Incorporating a tracking mechanism for external movement within a door zone.
- When a seat belt is unfastened, as a minimum , the DAS Lambda is activated and the lighting of side mirrors and back window occur simultaneously
- The DAS Lambda version, again as above we will ensure that human interaction to activate the alert system is totally eliminated. Our ongoing discussions with software engineers will provide improved solutions to activation.
- As a minimum, the alert system will flash when any seat belt is unfastened and the position of the Doorling Alert System lighting will “light up “the cabin simultaneously, ensuring all road users are kept safe from a doorling crash.
- Additional to all the above, we are discussing a variety of scenarios with the software engineers, for DAS activation, including when a vehicle occupant is sitting in the stationary vehicle without a seat belt engagement.
- Camera commences filming when brake is applied and activates the, Centre High Mount Stop light (**CHMSL**) located on the back window.
- Auto shut down of alert system upon locking the vehicle.



Mirror Mount

Rear Mount

- DAS Lambda alerts the Vehicle occupants to ensure they are prompted to check the door zone is clear of riders and oncoming traffic.
- Auto shut down of alert system upon locking the vehicle
- Additional to all the above, we are discussing a variety of scenarios with the software engineers, for DAS activation including when a vehicle occupant is sitting in the stationary vehicle without a seat belt engagement.

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#### DAS Lambda Benefits:

- Auto activated
- DAS Lambda is auto activated when a car is unlocked, at least
- DAS Lambda on back window is visible to oncoming traffic , including riders that a door is about to open
- DAS Lambda on back window , illuminates vehicle cabin , benefits occupants awareness of outside and oncoming traffic
- DAS Lambda on back window , illuminates vehicle cabin , benefits rider awareness of vehicle occupants
- DAS Lambda on side mirror alerts rider of vehicle occupants
- Seat Belt activation of DAS Lambda provides rider ample time to react in a safe manner to check over their shoulder of oncoming vehicle position, stop or if clear, safely move from the door zone, prior to the door opening.
- Camera will have the ability to activate from the time the brake is applied , lighting the CHMSL

Monitor contain audio warning of moving oncoming road user

