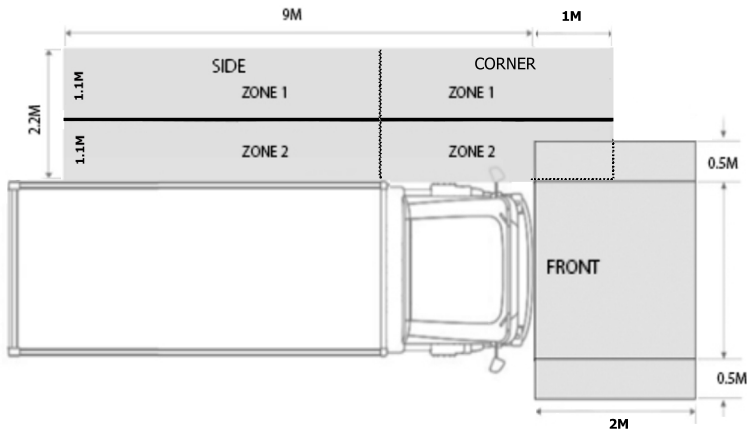


**IMPORTANT - PLEASE ENSURE CAMERA LENSES ARE CLEAN BEFORE STARTING EVERY JOURNEY TO ENSURE OPTIMAL CAMERA FUNCTIONALITY**

## SUMMARY

The TrafficAngel Progressive Safe System comprises 3 x AI cameras (forward, corner and nearside), offside and nearside A-pillar displays and a GPS/Gyroscope module, all connected to a control unit (ECU). The system complies with the latest TfL requirements which come into force on 28th October 2024 (also known as DVS phase 2). The system covers the front, corner and nearside blind spot areas and provides an **audible warning ONLY** when a collision is likely with a vulnerable road user (VRU) as a result of movement of the vehicle. When the VRU is within the detection zones but no collision is imminent, the system provides a **visual warning only**.

## DETECTION ZONES



### Front Coverage (MOIS)

From the front edge of the vehicle to a distance of 2 metres forward and 0.5 metres to each side beyond the width of the vehicle.

### Corner and Nearside Coverage (BSIS)

From the nearside front edge of the vehicle to a distance of 2.2 metres outwards and 9m downwards to the rear. The corner camera covers the blindspot area between the front and nearside.

## SYSTEM SELF-DIAGNOSIS

When the system starts with each ignition on, it will self-diagnose to check for issues with the cameras and GPS/Gyroscope module. If any camera develops a fault, is damaged or the lens is obstructed with dirt, the driver's side display will show **CAMERAS** in red text along with an audible alert ("FRONT CAMERA FAULT / SIDE CAMERA FAULT / CORNER CAMERA FAULT"). If there is an issue with the GPS/Gyroscope module the driver's side display will show **GYRO** in red text and announces "GPS FAULT". Each message repeats twice and will then remain silent until the ignition is next turned on.

# IMPORTANT - PLEASE ENSURE CAMERA LENSES ARE CLEAN BEFORE STARTING EVERY JOURNEY TO ENSURE OPTIMAL CAMERA FUNCTIONALITY

## SYSTEM OPERATION

### Front Zone (MOIS), Vehicle Stationary

A VRU within the front detection zone is identified with a YELLOW icon at the top of the driver's side display with **NO AUDIBLE ALERT**. Nothing is shown on the passenger side display.



### Front Zone (MOIS) Vehicle moving off up to 5km/h

a VRU in the front detection zone is identified with a red icon at the top of the driver's side display **AND** an audible alert "PEDESTRIAN FRONT". Nothing is shown on the passenger side display.



FRONT



CORNER

SIDE

### Corner and Side Zones (BSIS) icon positions

VRUs in the corner zone will be shown in the top left corner of the driver's side display, VRUs in the side zone will be shown on the left side of the driver's side display. A VRU in either zone will also be shown on the passenger side display.

### Corner and Side Zones (BSIS), Vehicle and VRU Travelling in Parallel up to 30km/h

A VRU between 1.2m and 2.2m from the side of the vehicle is identified with a yellow icon in the top left corner or left side of the driver's side display and a yellow icon on the passenger side display with **NO AUDIBLE ALERT**. A VRU between 0m and 1.1m from the side of the vehicle is identified with a red icon in the top left corner or left side of the driver's side display and a red icon on the passenger side display with **NO AUDIBLE ALERT**.



### Corner and Side Zones (BSIS), Vehicle Turning Towards VRU up to 30km/h:

A VRU that is between 1.2m and 2.2m from the side of the vehicle is identified with a yellow icon in the top left corner or left side of the driver's side display and a flashing yellow icon on the passenger side display with **NO AUDIBLE ALERT**. A VRU between 0m and 1.1m from the side of the vehicle is identified with a red icon in the top left corner or left side of the main display and a flashing red icon on the passenger side display **AND** an audible alert "PEDESTRIAN LEFT".



FLASH



FLASH

If your vehicle has a left/right turn alarm with override switch installed, please see separate information sheet.

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