



# VT-SIDE-SCAN-KIT

## PEDESTRIAN AND CYCLIST SIDE DETECTION KIT

The **VT-SIDE-SCAN-KIT** is a pedestrian and cyclist detection system that utilises ultrasonic sensors to detect any obstacles in front or to the side of the vehicle. Suitable for both HGVs and lorries, when the vehicle slows down to around 10Mph, the **VT-SIDE-SCAN-KIT** checks the area across the front and around the corners of the vehicle for objects. During any turning or parking manoeuvre, if an obstacle or pedestrian enters the vehicle's detection zone, the driver is warned with a visual warning, followed by an audible warning when the object is too close to the vehicle.

The system consists of 8 ultrasonic sensors (4 or 6 to be mounted on the front bumper and/or 1 or 2 to be mounted on the nearside and offside bumper/step and wheel arch), two displays with internal piezo tone buzzers (to be mounted on the nearside and offside A-Pillars, at side mirror height, facing towards the driver's position) and a Control Module (to be mounted behind the dash).



### Specifications\*:

<b>Detection Distance:</b>	Left Up to 800mm	Right Up to 600mm
<b>Green: Detection Distance</b>	Left 800 mm	Right 600mm
<b>Amber: Detection Distance</b>	Left 600mm	Right 450mm
<b>Red: Detection Distance</b>	Left 400mm	Right 300mm
<b>Accuracy of Detection Distance is less +/- 5cm</b>		
<b>Best Detection Range:</b>	Left Within 400mm	Right Within 300mm
<b>Frequency of Ultrasonic:</b>	40KHz + 2KHz	
<b>Current Consumption: VT-SIDE-SCAN-KIT</b>	Standby current	80mA
	Operating Current	200mA
<b>Working Temperature</b>	-20~+85°C0.45	
<b>Piezo Speaker:</b>	90~105dB	
<b>Sound Frequency:</b>	3.5KHz	

### Application Area:

