



# VT-DVS TRACTOR AND TRAILER

Bespoke kit designed specifically for tractor and trailer units.

## THIS KIT INCLUDES THE FOLLOWING:

**1. VT-SIDE SCAN**

VT-Sensor Brain (No Sensors)  
VT-Sensor Display + Mixture of x4 sensors



**2. VT-LT ALERT**

Left-turn Alert



**3. VT-CAN-M8**

Side Scan Interface  
(Vehicle 2012 or newer)



**4. VT-TIMER CUT OUT**

Timer cut-out button



**5. VT-M4-7-AHD (Kit)**

4CH AHD Monitor  
Includes 5M Cable,  
F2F Converter, Brackets



**6. VT408-AHD**

HD Side-View  
Camera



**7. VT408 Spacer 50mm x1**

VT408 Spacer 25mm x1



**8. VT-WARNING STICKER**

BLIND SPOT  
Vehicle Signage



Product specifications can be found on the next page of this document.



**KEY FEATURES:**

**VT-SIDE SCAN**

- 4 sensors mixed sensors (Flush/Non-Flush)
- PCB built into sensors
- Splash-proof ECU
- Digital distance display with buzzer
- DSM scanning technology
- Dual voltage



**VT-LT ALERT**

- Dual voltage 12-24 volts
- Bracket Mounted (2 Bolt Fixing)
- M.I.R.A. tested for all on and off road applications
- CE and emc marked
- Epoxy sealed for greater durability against water and vibration
- Pressure washable – IP6



**VT-TIMER CUT OUT**

- Six minute timer cut-out
- Auto Reset
- 12-14V
- IP67 rated - sealed against mud, water and vibration
- 30(H) x 88(W) x 47(D) mm



**VT-M4-7-AHD (Kit)**

- 10.1-inch digital screen
- Resolution 1024 x 600p
- 4 video inputs and 4 trigger wires
- Power voltage of DC10V~36V
- 352(L) x 166(W) x 32(D) mm



**VT408-AHD**

- DC 12V~24V
- 120°
- 62(L) x 44(H) x 62(W) (mm)
- -20°C + 70°C
- 1280 x 720 pixels



**VT408 Spacer 50mm**

- 65(L) x 50(H) x 55(W) (mm)



**VT408 Spacer 25mm**

- 65(L) x 25(H) x 55(W) (mm)



**VT-WARNING STICKER BLIND SPOT**

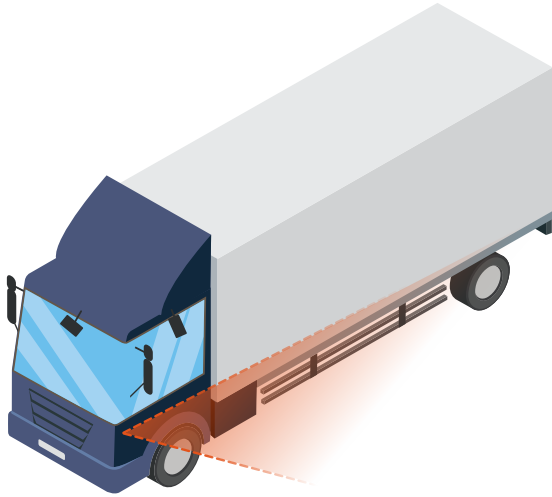


For more information please go to [www.visiontrack.com](http://www.visiontrack.com)

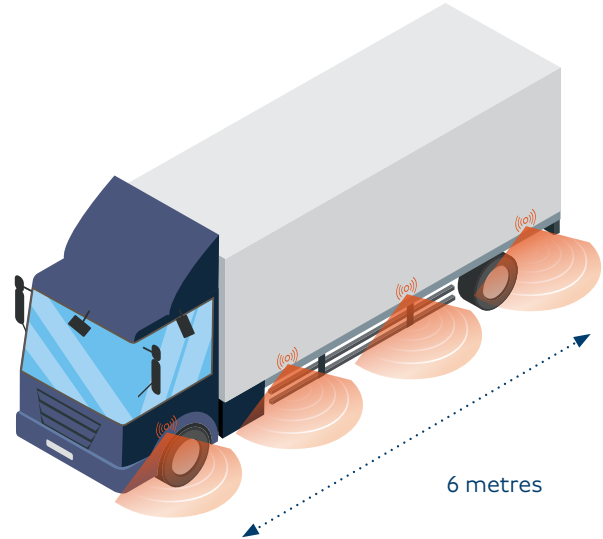




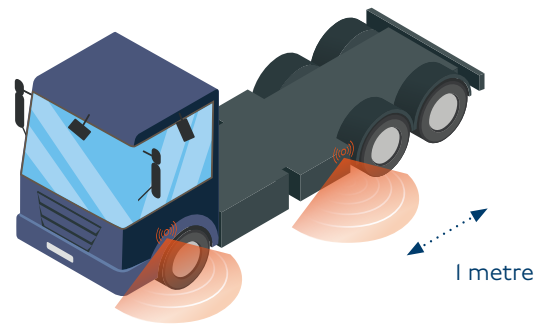
**Camera monitoring system**



**Sensor system with driver alerts**



Camera monitoring systems should aim to completely eliminate or minimise the remaining vehicle blind spot at the nearside as far as is practical and possible.



It is recommended that sensors on rigid vehicles and articulated tractor units have coverage six metres down the nearside or one metre from the rear of the vehicle (or tractor unit), whichever is smaller.

source: TFL <http://content.tfl.gov.uk/hgv-safety-permit-guidance-for-operators-entering-london.pdf>



## FAQs for DVS

1. Safety permit for all lorries more than 12 Tonnes – Entering or operating in Greater London - M25 Area.
2. From 26 October 2020 all HGV's will need safety permit.
3. If compliant there are no charge's for the safety permit.
4. Minimum DVS rating is one Star but will increase to 4 star by 2024.
5. One and two star rated vehicle's will be granted permits until 2024.
6. Three, four and five star rated vehicles will be granted a 10 year permit.
7. One Star;
  - Mirror fitted to front of vehicle
  - Side under-run protection
  - External blind spot warning signage
  - Sensor System
  - Audible alert – when manoeuvring left
  - Camera monitoring system covering near side
8. To increase the potential of getting a 5 star rating, VisionTrack offer a number of solutions and advice.
9. Permits will be issued electronically; no paper copies will be given.
10. The Fleet Manager or responsible will have to apply for the for the safety permit at [tfl.gov.uk/direct-vision-permit](https://tfl.gov.uk/direct-vision-permit)
11. Fines will be £550 per vehicle per breach, multiple breaches are possible in a single day.

Tractors for articulated vehicles	Exempt All trailers used with the exempt tractor unit will be required to fit sideguards (unless covered by an additional exemption)
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f. Exemptions from warning signage

Vehicle type	DVS exemption
Tractors for articulated vehicles	Exempt All trailers used with the tractor unit will be required to fit warning signage

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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