

Camera Monitor systems

The size of commercial vehicles and machines mean vehicle blind spots are a major factor in collisions across all industries. Operator positions, bodywork, absent rear windows and bulkheads create further restrictions and can greatly limit driver visibility, making collisions even more likely. The significant financial cost of vehicle and property damage is magnified by associated costs such as downtime, but even greater are the corporate and emotional costs when there is personal injury.

Brigade's camera monitor systems enable drivers and operators to manoeuvre and drive safely. Vehicle-mounted CCTV cameras can help the driver to see blind spots and offer a reversing aid by delivering a live feed on the monitor of everything in the camera view, including people or obstacles.

- Reduce blind spots
- Meets health and Safety requirements
- Compatible with Brigade's MDR vehicle recorders
- Peace of mind for drivers, passengers and operators



Cameras

Rear view camera

The rear blind spot is a huge problem regardless of vehicle/machine.

- A massive 90% of reversing accidents occur OFF road
- Reversing of commercial vehicles accounts for one claim in every six.

Reversing camera benefits;

- Prevents costly reversing collisions
- Assists safe and easier maneuvering

Side view camera

The nearside blind spot is accountable for many collisions. Most cyclist fatalities happen at low speeds, typically at road junctions and when pulling off from a stationary position. Sideswipe collisions on motorways are another common result of poor visibility. This problem is especially acute when the driver position is on the wrong side in left-hand-drive and right-hand-drive traffic.

Side view camera benefits;

- Removes the nearside blind spot
- Meets Class VI & V blind-spot requirements
- Reduces risk of sideswipe collisions and when turning

Front view camera

ISO 5006 for earth moving machinery states that a driver must be able to detect a person 1.5m high, 1m out from the perimeter of the machine, whilst blind spot directive 2003/97/EC (Class VI) requires that the front view is mandatory at forward speeds below 19mph for HGVs.

Front view camera benefits;

- Meets front view blind spot requirements
- Reduced front vehicle damage

Brigade's range of cameras include models with the following features:

- IP69K
- Heater
- Shutter
- Flush-mount
- Adjustable lens position
- LED's for ultra-low light performance
- Mirror/normal view
- Audio
- Day/night sensor



Monitors

Camera monitor systems are used in a wide range of on- and off-road applications to meet a host of health and safety and legislative requirements, including R46. They can eliminate blind spots to prevent costly vehicle damage and, more importantly, save lives.

In-cab monitors are a vital part of the safety process, giving the driver essential information about the vehicle's surroundings.

Whether you need an entry-level reversing camera system or full mobile CCTV, we can help. With single-to-multiple camera inputs and auto-triggers, Brigade monitors will work on any application in any industry, regardless of the amount of camera views connected.

Brigade's LCD monitors range from a compact 5" screen, suitable for smaller commercial vehicles or where cab space is limited, to 10.5" suitable for larger, heavy-duty machines or where permanent multiple images are required.

Brigade's range of monitors include models with the following features:

- In-built image viewing options, including: single/split/triple/quad and picture-in-picture
- Waterproof
- Audio
- On-screen distance markers
- Anti-tamper buttons
- R46 approved
- Certified to ISO 13766:2006
- Auto switching PAL/NTSC
- Compatible with Brigade's digital recorders and obstacle detection systems on-screen display.



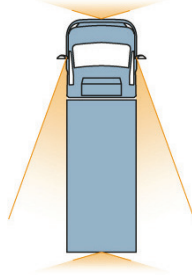
5" Select range



7" Elite range

Vehicle types:

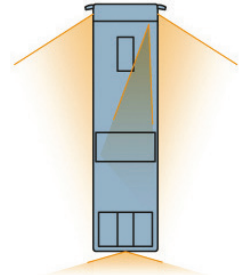
Refuse Truck



Cameras & Monitors

- In-cab monitor
- Front view camera
- Left side camera
- Right side camera
- Reversing camera

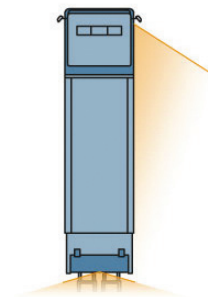
Coach



Cameras & Monitors

- In-cab monitor
- Left side camera
- Right side camera
- Internal camera(s)
- Reversing camera

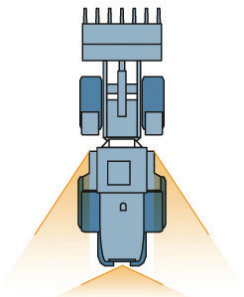
Small Rigid Truck



Cameras & Monitors

- In-cab monitor
- Right side camera
- Reversing camera

Wheel Loader



Cameras & Monitors

- In-cab monitor
- Left side camera
- Right side camera
- Reversing camera

Brigade Electronics Vehicle Safety Solutions

Camera Monitor Systems	Mobile Digital Recording	Backup & Warning Alarms	Ultrasonic Obstacle Detection	Radar Obstacle Detection
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