

## Backeye®360

All vehicles have blind spots – areas around the vehicle that are obscured to the driver by bodywork or machinery. When maneuvering, these blind spots present a significant danger to anything or anyone in the vehicle's path and inhibit the driver's ability to operate the vehicle safely. Mirrors and single-view cameras can help, but even with this extra assistance, the driver may still not see everything in the vehicle's path.

**Backeye®360** is an intelligent camera monitor system designed to assist low-speed maneuvering by providing the driver with a complete surround view of the vehicle in a real time.

- Eliminates blind spots, improves safety
- Comprehensive view of the surrounding area in a single image
- Reduces collisions with people and objects



### How it works

Backeye®360 is an intelligent camera monitor system designed to assist low-speed maneuvering by providing the driver with a complete 'bird's-eye' surround view of the vehicle in real time.

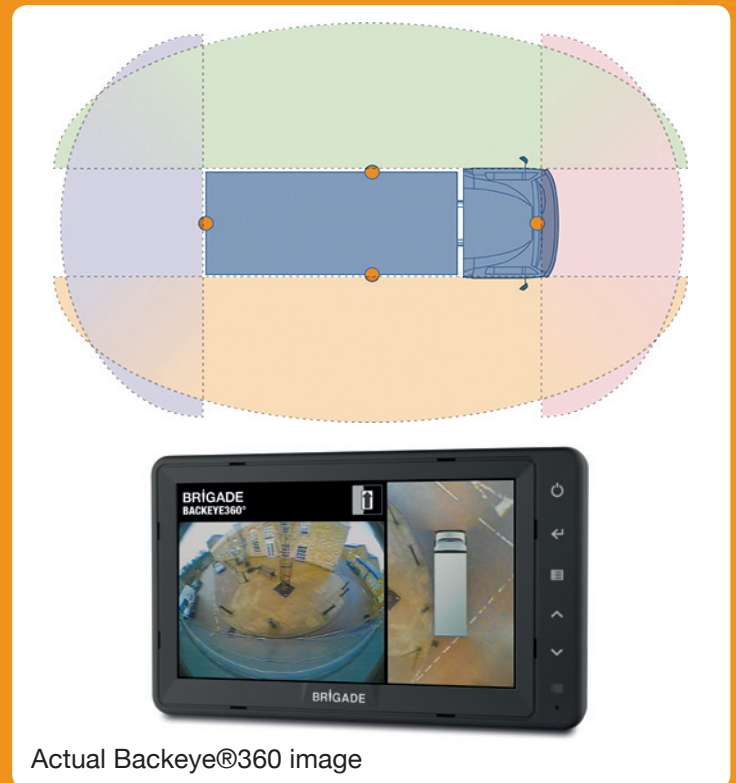
Brigade offers a choice of 360° technologies, both of which work with four ultra wide-angle cameras that each covers one full side of the vehicle with a viewing angle of over 180°. High-mounted on the front, rear and sides, the calibrated cameras capture all of the surrounding area including the blind spots of the vehicle or machine.

The four live images are simultaneously sent to an electronic control unit (ECU) where they are instantly processed, combined, blended, and stitched.

The distortion from the wide-angle camera lens is also corrected before delivering a clear, single, smooth, real-time image onto the driver's monitor.

Backeye®360 will work on virtually any rigid vehicle or machine, large or small and the distance of the viewing area can be set to suit the application. Backeye®360 is compatible with Brigade's MDR recording systems.

The flexibility of the Brigade systems means there are solutions suitable for both on-and off-road applications.



Actual Backeye®360 image

Brigade's range of safety systems meet a host of Health and Safety and legislative requirements.

Designed to assist the driver, workers, and vulnerable road users they can eliminate blind spots, prevent costly vehicle damage, and more importantly save lives.

## Vehicle types:

### Small Rigid Truck



### Refuse Truck



### Coach

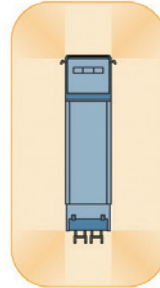


### Wheel Loader



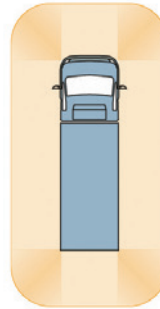
### Benefits include:

- All-round visibility for safer, faster operation
- Fewer noise complaints
- Reduced accidents and fatalities
- Reduced insurance premiums
- False claim prevention
- Reduced vehicle downtime
- Peace of mind for management and workers
- Strengthened reputation in the community



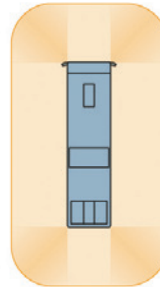
### Backeye®360

- 360° camera system



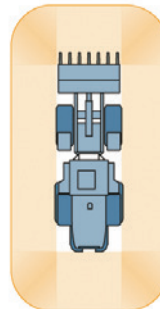
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## Brigade Electronics Vehicle Safety Solutions

Camera Monitor Systems

Mobile Digital Recording

Backup & Warning Alarms

Ultrasonic Obstacle Detection

Radar Obstacle Detection