

Backeye®360



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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



About us:

Brigade Electronics is a market leader of safety devices, with solutions to suit all on and off-road vehicles.

Brigade's complementary range of safety devices help prevent collisions by assisting the driver while protecting workers, pedestrians, and cyclists.

Research shows that in the time it takes to scan four mirrors, assess and then react to hazards, even at speeds as low as 3mph a vehicle could travel as far as 33ft.

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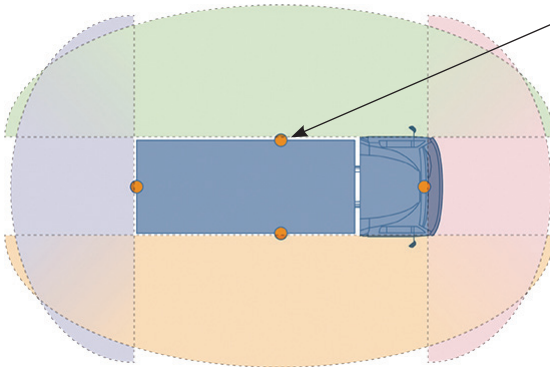


Backeye®360 is an intelligent camera monitor system designed to assist low-speed maneuvering by providing the driver with a complete 'bird's-eye' surround view of the vehicle in real time.

How it works

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

Please visit our website for more information, individual specifications, and to view our full range of safety solutions.

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