

Backeye® 360 Select

Eliminating the blind spot

All vehicles have blind spots - areas around the vehicle that are obscured to the driver by bodywork or machinery. When manoeuvring, 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.

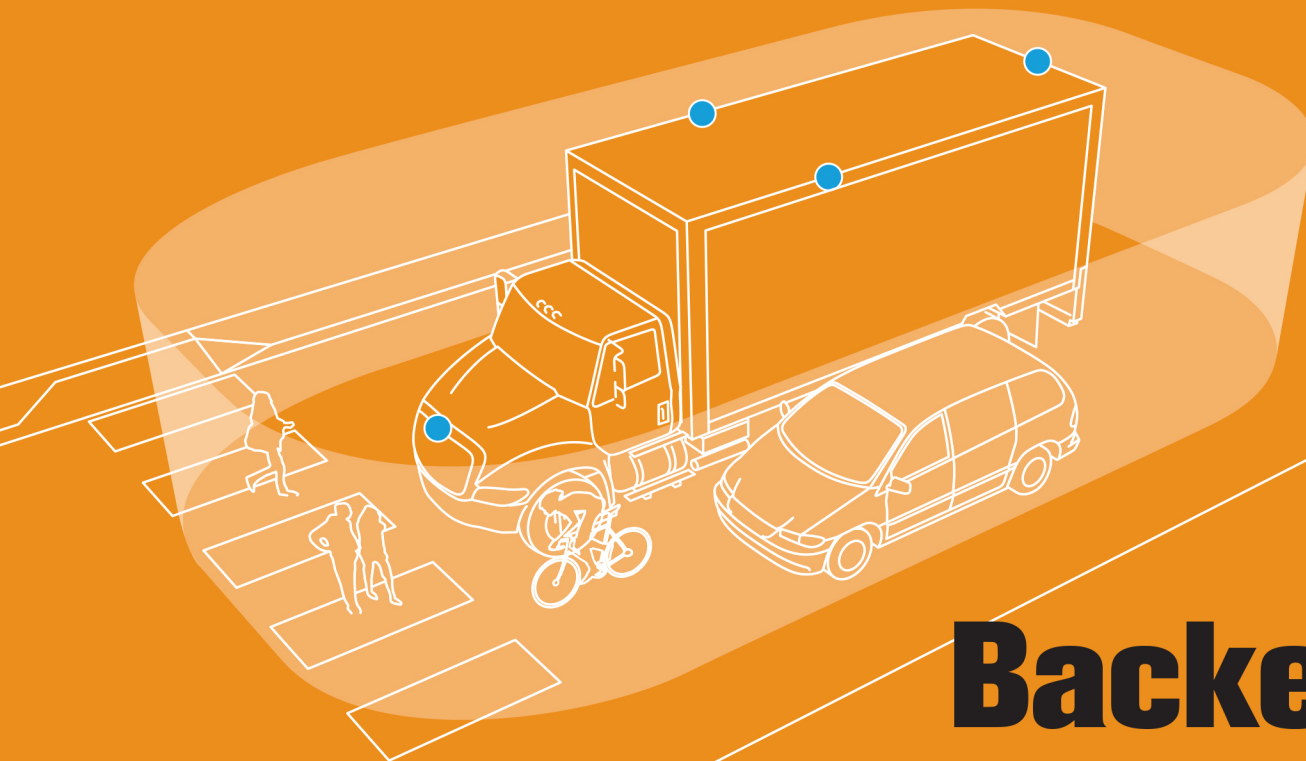
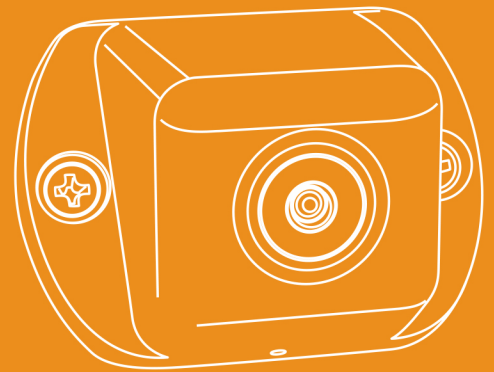
Backeye®360 Select is an intelligent camera monitor system designed to assist low-speed manoeuvrability by providing the driver with a complete surround view of the vehicle in real time.

Ultrawide-angle cameras mounted on the front, sides and rear of the vehicle capture the surrounding areas including all blind spots. Simultaneous digital images from these cameras are then processed and 'video stitched' resulting in a 360° bird's-eye view within a single image. The software also instantly eliminates any fisheye camera distortion on the surround view, delivering a clear, real-time picture on the driver's monitor.

4 Cameras

1 Image

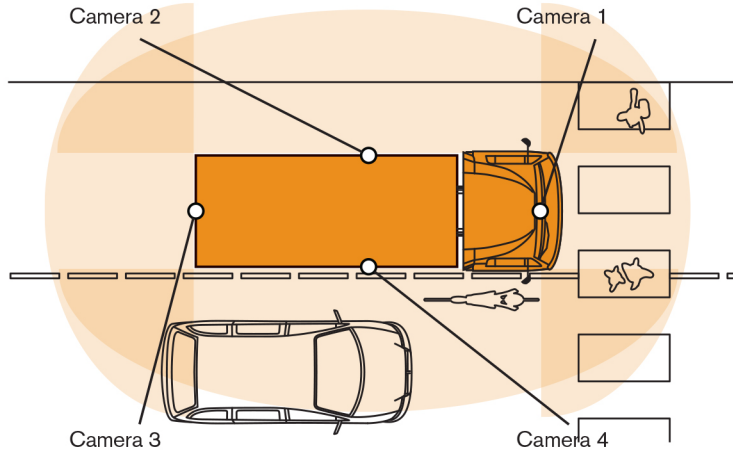
0 Blind spots



Backeye®

Camera Monitor Systems





- **Reduces collisions with people and objects**
- **One view to see all surrounding areas**
- **No blind spots**

The Backeye®360 Select is a bird's-eye camera monitor system suitable for standard on-road vehicles that do not require bespoke configuration.

- Four wide-angle camera lenses cover the entire vehicle perimeter and surroundings including all blind spots
- Real-time video output
- Triggered views (rear, left and right), e.g. selecting reverse gear highlights rear view image
- Split-screen monitor view
- Configurable viewing distance to suit vehicle type and application
- Customisable on-screen vehicle icon and livery so the driver sees a recognisable vehicle on the monitor
- On-screen distance markers on rear view



SELECT 360° CAMERA MONITOR SYSTEMS

BN360-000 - Backeye®360 Select

4483



- **4 x wide-angle cameras and ECU**
- **IPX7 cameras**
- **12-24Vdc**
- **Size (WxHxD) ECU 6.6 x 5 x 1.4"**
- **Size (WxHxD) Camera 1.4 x 2.4 x 1.8"**
- **2 year warranty**

Contents

- 1 x BN360-ECU-10
- 4 x BN360-100C cameras
- 1 x BN360-VBV-L4015 Video-out cable to connect to SELECT range monitor.

Features

- 360° single image
- Triggered views (rear, left and right)
- 4 x ultra-wide viewing angle cameras (HxV) 185° x 142°
- 1/3.6" CMOS sensor
- TV system: NTSC

Power

- Power consumption: 15 Watts
- Current: 1.23 Amps

Durability & Standards

- Mechanical vibration: 1G
- Operating temperature: -22 to +167°F

Note: A calibration kit is required for installation.

SE-770-100 - Backeye®360 Select + VBV-770M - 7" Digital LCD monitor + cables 4804



- **12-24Vdc**
- **3 camera inputs**
- **Size (WxHxD) 7.7 x 4.6 x 1"**
- **2 year warranty**



Monitor Features

- 'Button lock' anti-tamper feature
- Audio
- Sun shield
- Auto-dimmer
- Multi-lingual menus

Picture Quality

- LED backlighting
- Anti-glare screen
- Resolution: 800 x 480
- Contrast ratio: 500:1

- Brightness: 400cd/m²
- Viewing angles:
Side 70° x Top 50° x Bottom 70°

Power

- Power consumption: 18 Watts
- Current: 1.5 Amps

Durability & Standards

- Mechanical vibration: 4G
- Mechanical shock: 100G
- Operating temperature: -22 to +158°F

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