

# Backeye®360

## BN360-200

### Eliminating blind spots

All vehicles have blind spots – areas around the vehicle that are obscured to the driver by bodywork or machinery. Backeye®360 BN360-200 is an intelligent four-camera system designed to eliminate blind spots and assist low-speed manoeuvring by providing a complete real-time surround view of the vehicle in the driver's monitor.

BN360-200 will work on almost any rigid vehicle or machine, large or small and with 19 different monitor views (maximum 10 per configuration), is suitable for both on- and off-road applications.



- **Configuration and views can be tailored to each application**
- **Speed trigger to show specific view at configured speed**
- **19 monitor view options including cross traffic and right/left lane-change assist**
- **Custom views and vehicle positioning e.g. 270° views for articulated vehicles**
- **Portrait and landscape monitor view options including split-screen**
- **Configurable on-screen parking markers**

Actual BN360-200 image showing left side view and 360° lane-change assist view - triggered by activation of left indicator

### About us:

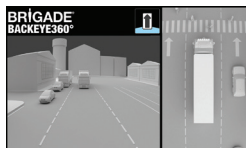
Brigade Electronics is a market leader of safety devices, with solutions to suit all commercial vehicles and mobile plant. Our complementary range of safety devices help prevent collisions by assisting the driver whilst protecting workers, pedestrians and cyclists.



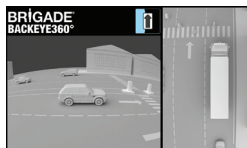
Full rear-view



Split cross-traffic view  
(front left & front right)



Split rear & 360° views



Split lane-change view  
(Left side & offset 360°)



Full 360° view



Split left side  
& 360° view



Split 360°  
& rear view

A selection of the 19 available on-screen viewing options

- Backeye®360 BN360-200 has an increased on-screen image area of 22% over the previous BN360-000 model

## 360° CAMERA SYSTEM

### BN360-200 - Backeye®360 system

5200

- IP69K cameras
- 12-24Vdc
- Size (WxHxD) ECU  
174 x 101 x 30mm
- Size (WxHxD) Camera  
36 x 61 x 46mm
- 2 year warranty

#### Notes:

- A calibration kit is required for installation
- Monitor and camera extension cables not included

#### Contents

- 1 x ECU
- 4 x BN360-100C cameras
- 1 x Video output cable to connect to SELECT range monitor.
- 1 x set-up/view-select button
- IR receiver & remote control
- 1 x ECU Power harness
- 1 x ECU Interface harness

#### Features

- 360° image
- 19 different view modes (max 10 views per chosen configuration group), including:
  - Landscape or portrait options
  - Front & rear crossing-traffic
  - Left & right lane changing assist
  - Customisable vehicle position
- 4 pre-defined configuration groups
- Configure & customise set up via monitor and IR remote control
- Multi-lingual menus

- Left, right, reverse & speed signal triggers
- Configurable on-screen parking markers
- 4 x ultra-wide viewing angle cameras (HxV) 185° x 142°
- 1/3.6" CMOS sensor
- TV system: NTSC & PAL (via switch)

#### Power

- Power consumption: 9 Watts
- Current: 0.65 Amps

#### Durability & Standards

- Mechanical vibration: 8.6G
- Mechanical shock: 50G
- Operating temperature: -30 to +75°C
- IP30 ECU
- CE marked
- EMC approved: E
- FCC Approved
- IC Approved

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

[brigade-electronics.com/360](http://brigade-electronics.com/360)

