

# HD Backeye®360

## BN360-300

**BRIGADE®**  
brigade-electronics.com

### Eliminating blind spots

All vehicles have blind spots – areas around the vehicle that are obscured to the driver by bodywork or machinery. Backeye®360 BN360-300 is a high definition four-camera system designed to eliminate blind spots and assist low-speed manoeuvring by providing a clear, real-time surround view of the vehicle in the driver's monitor.

Compatible with Brigade's MDR recorders for HD capture. BN360-300 will work on almost any rigid vehicle or machine, large or small and is suitable for both on- and off-road applications.



Actual BN360 image

- 1280 x 720 High Definition video output
- Compatible with MDR for HD recording of individual camera channels
- Configuration and views can be tailored to each application
- Speed trigger to show specific view at configured speed
- 15 monitor view options including portrait, landscape and split-screen
- Configurable on-screen parking markers

### About us:

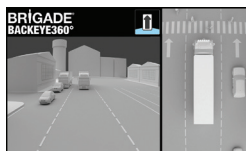
Brigade Electronics is a market leader of safety devices, with solutions to suit all commercial vehicles and mobile plant. Our complementary range of safety devices help prevent collisions by assisting the driver whilst protecting workers, pedestrians and cyclists.



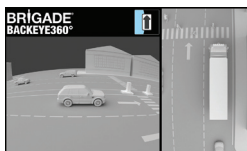
Full rear-view



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



Split rear & 360° views



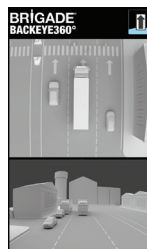
Split lane-change view  
(Left side & offset 360°)



Full 360° view



Split left side  
& 360° view



Split 360°  
& rear view

A selection of the 15 available  
on-screen viewing options

## AHD 360° CAMERA SYSTEM

### BN360-300 - High Definition Backeye®360 system

5800A

- IP69K cameras
- 12-24Vdc
- ECU Size (WxHxD)  
216 x 113 x 26mm
- Camera Size (WxHxD)  
61 x 50 x 42mm
- 5 year warranty

### AHD

#### Notes:

- A calibration kit is required for installation
- AHD monitor and camera extension cables not included
- AHD splitter cable per channel is required to connect to MDR

#### Contents

- 1 x ECU
- 4 x BN360-1000C 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

- 720p HD 360° image
- Compatible with MDR for HD recording of individual camera channels
- 15 different view configurations (5 x portrait & 10 x landscape)
  - Front and rear Crossing Traffic views
  - Customisable vehicle position
- 2 pre-defined configuration groups
- Configurable & customise set up via PC calibration software
- Left, right, reverse & speed signal trigger
- Configurable on-screen parking markers

- Customisable overlay guidelines per camera view
- 2 x video outputs
- Ultra-wide viewing angle cameras (HxV) 182 x 118
- 1/4" CMOS sensor
- Video output: AHD 1.0 and NTSC

#### Power

- Power consumption: 15 Watts
- Current: 1.22 Amps

#### Durability & Standards

- Mechanical vibration: 8.5G
- Mechanical shock: 51G
- Operating temperature: -30 to +75°C
- IP30 ECU
- CE marked
- E-Marked: UNECE R10 compliant
- FCC Approved
- IC Approved
- ISO 20653:2006
- ISO 13766-1:2018

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)

