Brigade NEWCOM Authorized Partner

Backeye®360 HD

Camera Monitor Systems

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 onand 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.

360° Camera System

Four camera Backeye®360 system

Model Number: BN360-200 | Part Number: 5200

IP Rating
IP69K cameras

Voltage
12-24Vdc

Size (WxHxD) ECU
174 x 101 x 30mm

Size (WxHxD) Camera
36 x 61 x 46mm

Warranty
2 years

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

Notes

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

A selection of the 19 available on-screen viewing options:



Full 360° view



Split left side & 360° view



Split 360° & rear view



Full rear-view



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



Split rear & 360° views



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

Call **NEWCOM** for more information or a quote!
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