

## Backeye<sup>®</sup> Essential range

### Camera Monitor Systems

#### A cost-effective solution

Driving a commercial vehicle is not without challenges. With large blind spots, manoeuvring and reversing can result in collisions, causing damage to the vehicle, property and in worst cases, incidents with vulnerable road users. Our entry-level solution, the Essential camera monitor system, aims to prevent collisions by providing a view of the blind spot on the in-cab monitor, allowing the driver to take evasive action where necessary.

- Complete Camera monitor system
- Camera and Monitor AHD 2.0 1080P compatible
- AHD provides clear and sharp images to better identify obstacles
- PAL and NTSC connections available in one model\*
- Cost effective AHD Camera and Monitor Solution
- Simple 'plug & play' installation
- 2 camera inputs
- LEDs for low-light performance



7" Essential Monitor



Essential AHD Camera

#### 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.

# Essential Camera Monitor System

Single camera monitor system for rigid vehicle

VBV-6172-000 | Part Number: 7595



**Viewing Angle (HxVxD)**  
106 x 56 x 120°



**IP Rating**  
IP69K



**Camera Size (WxHxD)**  
76 x 59 x 52mm



**Monitor Size (WxHxD)**  
205 x 126 x 26mm



**Warranty**  
1 years

## Contents

- 1 x VBV-6170M Monitor & Sunshield
- 1 x VBV-6132C Camera & Bracket
- 1 x VBV-L4120 20M Extension Cable
- 1 x VBV-670M BKT Monitor Bracket
- 1 x VBV-613XC FIX Camera Fitting Kit

## Camera Features

- Normal view
- AHD 2.0 (1080P)
- NTSC & PAL

## Monitor Features

- 2 camera inputs (CVBS, 720P & 1080P compatible)
- 1 auto trigger
- Sun shield
- Multi-lingual menus
- 16:9 display
- Normal/Mirror via OSD menu

## Picture Quality

- Monitor resolution: 1024x600
- Camera Resolution: 1920x1080
- Contrast ratio: 500:1
- Brightness: 400 cd/m2
- Monitor viewing angles:
  - Left 85° x Right 85° x Bottom 85° x Top 85°

## Power

- Power consumption:  
(Monitor): 4.2W max. @ 12Vdc  
(Camera): IR Off: 75mA(Max),  
R On: 215mA(Max)
- Current Consumption:  
350mA max. @ 12Vdc

## Durability & Standards

- Vibration Resistance: 5.9G
- Mechanical vibration:  
Camera: 8.5G  
Monitor: 4G
- Operating temperature: -20° to +70°C
- CE marked
- FCC approved
- ICES Approved

## Backeye® Essential range camera monitor system

The Essential camera monitor system is a cost-effective solution that comes with the same level of quality that is expected from Brigade. A perfect solution at a fraction of the cost of vehicle repairs, insurance claims and vehicle downtime due to an incident.



Visit our website [brigade-electronics.com](https://brigade-electronics.com) or scan the QR code for more information, individual specifications and to view our full range of safety solutions.

