

Select



Eyeball Camera

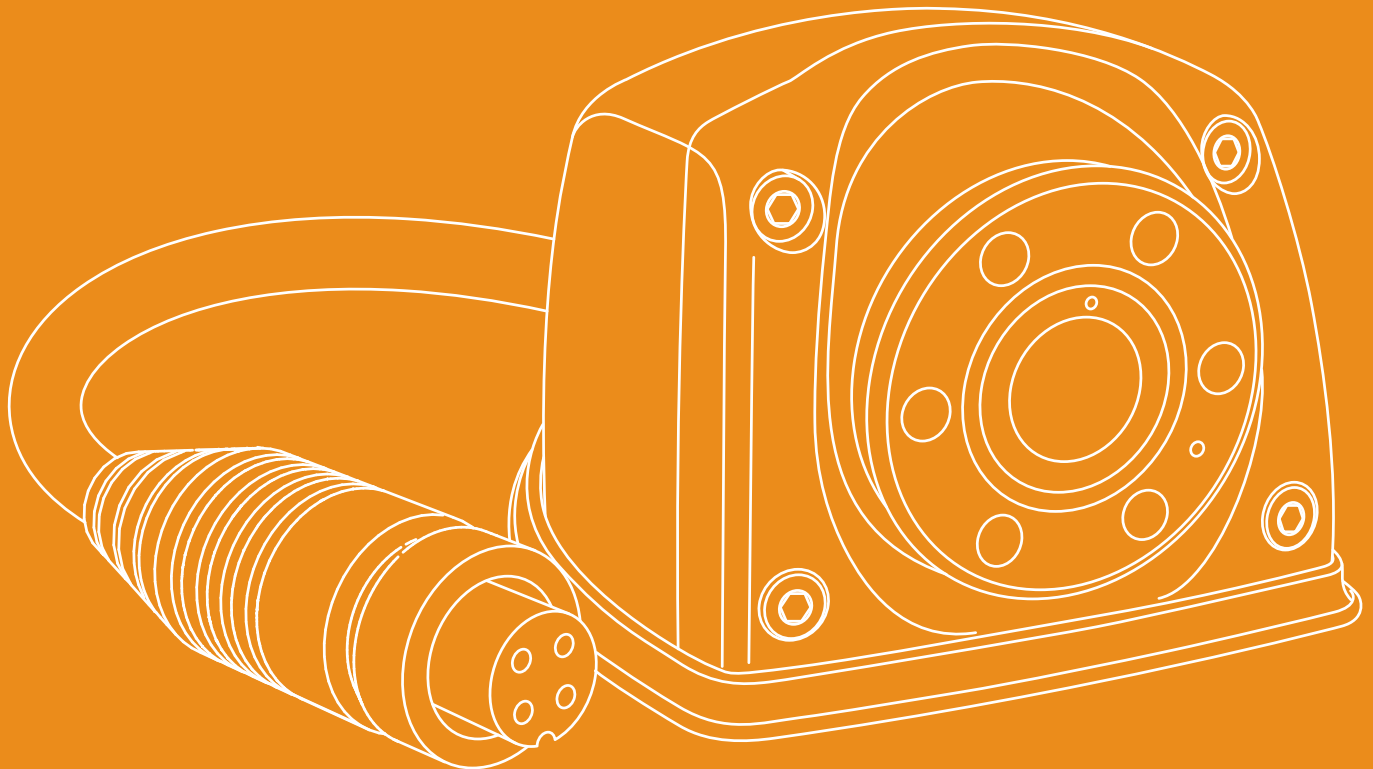
Multi-positional wide angle lens

Eliminating or minimising blind spots around large vehicles and mobile plant is essential to increasing safety. As well as protecting vulnerable people, good visibility when manoeuvring can reduce damage to property and vehicles, minimising the chance of collisions.

Offering a wide field of view, Brigade's eyeball cameras let drivers and operators see obstacles in the danger zones around the vehicle, increasing the chance of avoiding collisions.

The adjustable, ball-and-socket lens enables installation in virtually any position on a vehicle or mobile plant and the camera is available in both mirror and normal view to allow the driver or operator to have the most appropriate view for a given manoeuvre. The quality of image processing and LED illumination in low light make for a clear image that can help prevent injury or even save lives, as well as significantly reducing costs to the business.

- **Widest viewing angle of any single camera in the Brigade range, gives superb views of danger zones**
- **Swivel lens adjustment to fine tune the field of view**
- **Lens rotation adjustment $\pm 180^\circ$ enables installation regardless of surface orientation**
- **5 Infrared LEDs for low-light performance**
- **Integrated day/night sensor automatically switches on LEDs in low light**
- **Backlight compensation and automatic white balance for images that are clear and easy to interpret**
- **Waterproof to resist high pressure washers and resistant to dust ingress**
- **Corrosion resistant to withstand tough on- and off-road conditions**
- **Integrated microphone enables audio capability**
- **Rubber mat seals fixing and protects bodywork**



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Brigade's adjustable, versatile eyeball cameras can be used for side, front, rear or internal views.

With a choice of mirror or normal views, in PAL or NTSC, they provide a wider field of view than mirrors helping to reduce collisions, save on property and vehicle repair costs and increase safety around vehicles and plant.



Eyeball camera

Surface mounting adapter



VBV-300C Eyeball camera (Mirror image, PAL)	4604
VBV-320C Eyeball camera (Normal image, PAL)	4613
VBV-301C Eyeball camera (Mirror image, NTSC)	4611
VBV-321C Eyeball camera (Normal image, NTSC)	4615

- Viewing angle (HXVXD)
102 x 78 x 145° (PAL)
110 x 78 x 151° (NTSC)
- IP69K
- Size (WxHxD)
56.7 x 41.4 x 68.3 mm
2.24 x 1.63 x 2.7 inches
- 2 year warranty

Features

- Lens swivel adjustment:
35°(Top) x 5°(Bottom) x 8°(Left) x 8°(Right)
- Lens rotation adjustment: ±180°
- 5 infrared LEDs for ultra low-light performance
- 3-6m/10-20ft illumination distance
- Day/night sensor
- 1/3" Sharp CCD
- 420 TV lines

Power

- Operating voltage: 12 Vdc
- Power consumption: 1.44 Watts
- Current consumption: 0.12 Amps

Durability & Standards

- Corrosion resistant: ISO9227 salt spray standard
- Mechanical vibration: 2.84G
- Operating temperature: -20 to +70°C
- CE marked (PAL cameras)
- EMC approved: E (PAL cameras)
- FCC marked (NTSC cameras)

SM-3XX-25 Surface mounting adapter (25mm/1 inch deep)	4596
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Brigade products are designed to improve safety in and around commercial vehicles and mobile plant. Safety systems do not replace driver best practice. Please take care when manoeuvring.

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