

# Backeye® Camera Monitor Systems

## Which range is for you?

### Backeye® Elite

Top of the range systems for comprehensive blind-spot coverage. Suitable for large road-going vehicles, specialist applications, heavy duty off-road machines or where the cab is exposed to the elements.



### Backeye® Select

Mid-range systems suitable for medium to large road-going vehicles.



### Backeye® Essential

Entry level reversing solution ideally suited to light commercial vehicles and vans.



## Camera/monitor compatibility for building your own system.

Select your system from our range of popular standard kits or build your own, referring to the camera monitor compatibility chart below, adding cables and ancillaries to complete your system.

		MONITORS				
		ELITE		SELECT		
		BE-970WFM BE-970WM BE-865DDM BE-870LM BE-870FM	BE-856GM	VBV-7104FM VBV-770FM VBV-770M VBV-750M	VBV-770M-S VBV-750M-S	
✓ = Compatible ✓ AC-035 = Compatible with adapter(s) shown ✗ = Not compatible						
CAMERAS	ELITE	BE-810C Shutter	✓	✓ SC-1000-ECU	✓ AC-007 + SC-1000-ECU	✗
		All other Elite cameras	✓	✓	✓ AC-007	✓ AC-007
	SELECT	VBV-710C Shutter	✓ AC-035 + AC-006	✓ AC-035 + AC-006	✓ AC-035	✓
		All other Select cameras	✓ AC-006	✓ AC-006	✓	✓
FLIR	PathFindIR II	✓ AC-016 + AC-065	✓ AC-016 + AC-065	✓ AC-024 + AC-065	✓ AC-024 + AC-065	



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## Camera/monitor combinations approved to R46

UN ECE Regulation No 46 (R46) is a regulation which covers devices for indirect vision and their installation.

R46 is widely recognised as a mark of exceptional performance, reliability and quality. In order to comply with the R46 regulation, the components of a camera monitor system must reach specified performance standards and be installed within pre-defined guidelines. See [brigade-electronics.com](http://brigade-electronics.com) for further information.

An R46 approved camera monitor system can replace a conventional mirror for Class IV, V and VI viewing areas.

Camera/monitor combinations approved to R46			MONITORS		
			ELITE BE-870LM	SELECT VBV-770M	SELECT VBV-7104FM
CAMERAS	ELITE	BE-800C BE-890C BE-850C	✓ plus full and half screen using SS-002 screen splitter	✗	✗
	SELECT	VBV-300C VBV-320C	✓ plus full and half screen using SS-002 screen splitter	✓ plus full and half screen using SS-002 screen splitter	✓
		VBV-700C VBV-790C	✓ plus full and half screen using SS-002 screen splitter	✓ plus full and half screen using SS-002 screen splitter	✓
360	BN360-200	✗	✓ Full screen and standard split screen	✓ Full screen and standard split screen	

## Active Detection & Warning Integrated On-screen display

*Backscan® & Sidescan® Ultrasonic Detection and On-Screen Display. See page 44*

*Backsense® Radar Detection and On-Screen Display. See page 48*



- Integration of Brigade's obstacle detection systems and camera monitor systems
- Ultrasonic OR radar detection warnings overlaid onto camera image and displayed on in-cab monitor
- Reduces driver stress and distractions as all information is in one view

### Sensor data and camera image combined

Brigade's obstacle detection systems minimise both vehicle damage and collisions by informing the driver of the distance between vehicle and objects, whether moving or stationary. Ideal for vehicles and machines manoeuvring at low speed.

Working in conjunction with a Backeye® camera monitor system and up to two ultrasonic detection systems or two radar sensors, the on-screen display modules warn the driver of obstacles close to the vehicle by overlaying audible and visual data onto the camera image on the monitor.

1 866 884 7569

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