

Camera monitor systems can help eliminate vehicle blind spots to prevent collisions. Cameras are available to cover the rear, sides and front blind spots and to monitor vehicle-specific functions. Multiple camera images can be viewed on a single in-cab monitor simultaneously. Monitors can display camera views by driver preference and/or by vehicle operation (i.e. an engaged turn signal switches the monitor to display a side view camera).

Wireless camera monitor systems provide drivers access to the same visibility as the wired systems without the need for cable(s) between camera(s) and the monitor. The wireless antennas allow for unobtrusive installation without compromising picture quality.

Product Highlights – Brigade

Monitors

Brigade in-cab monitors are a vital part of the safety solution, giving the driver essential information about the vehicle's surroundings. Whether the customer needs an entry-level reversing camera system, or a full mobile digital recording solution with 360-degree viewing and recording, Brigade has a solution.

With single to multiple camera inputs and auto-triggers, Brigade monitors work on any application in any industry, regardless of the amount of camera views connected. Monitors range from compact 5" screens suitable for smaller commercial vehicles or where cab space is limited, to 10.5" suitable for larger heavy-duty equipment or where permanent multiple images are required.

Brigade's range of monitors include models with the following features:

- Built-in image viewing options: single view, split view, triple view, quad view, and picture-in-picture view
- Mirror and normal image switch
- Waterproof
- 12-24Vdc flexible for a variety of vehicle & equipment applications

- Audio capable and audio disabled
- LED screens with anti-glare
- On-screen distance markers
- Anti-tamper buttons
- Compatible with Brigade digital recorders and obstacle detection systems to maximize usage of a single in-cab display

Cameras

Rear View Camera – the rear blind spot is a huge problem regardless of the type or size of vehicle. In fact 90% of reversing accidents occur off public roads, and account for 1/6 of claims. Usage of reversing cameras can prevent costly collisions and assists drivers with safe and easier maneuvering.

Front View Camera – allow for drivers to more easily see objects in front of the vehicle to prevent accidents and avoidable vehicle damage.

Side View Camera – the nearside blind spot is accountable for many collisions. Most cyclist fatalities happen at low speeds, typically at road junctions and when pulling off from a stationary position. Sideswipe collisions on motorways are another common result of poor visibility. This problem is exacerbated when the driver position is on the wrong side in left-hand drive and right-hand drive traffic. The usage of side view cameras can remove nearside blind spots, and reduce the risk of sideswipe collisions when turning and changing lanes.

Brigade's range of cameras include models with the following features:

- IP69K
- Heated lens
- Shutter
- Flush-mount
- Adjustable lens position
- LEDs for ultra-low light performance
- Mirror and/or normal view
- Day/night sensor
- Audio capable and audio disabled

Wireless Applications

Connecting a rear view camera system to a large vehicle can be timely and difficult due to the amount of cable required to ensure a connection. Brigade's new wireless system eliminates excess cabling, saving up to two hours fitment time and removes the need for additional retractable coiled cables on articulated vehicles.

The wireless technology gives almost instantaneous pictures (camera to monitor has a 200 millisecond latency), and is not affected by electrical interference from other vehicles or machinery. The camera image is sent to the monitor via a transmitter and receiver, and once paired, the wireless link is secure. The system also boasts a re-pairing function, which allows the receiver to be linked to a different transmitter making interchanging trailers possible for drop and hook applications.

Product Highlights – Pro-View

Monitors

ProView in-cab monitors are a vital part of the safety solution, giving the driver essential information about the vehicle's surroundings. ProView monitors work on any application in any industry, regardless of the amount of camera views connected (up to four available).

Monitors range from compact 5" screens suitable for smaller commercial vehicles or where cab space is limited, to 7" suitable for larger heavy-duty equipment or where permanent multiple images are required.

ProView's range of monitors include models with the following features:

- Built-in image viewing options: single view, split view, triple view, and quad view
- Mirror and normal image switch
- Wide viewing angles
- Built in speaker for audio
- LCD screen
- Full-function remote control
- Flexible mounting options: pedestal, flush in-dash housing, U-bracket
- Sun-shield
- Tactile button controls
- Reverse and turn signal automated camera switching

Cameras

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Front View Camera – allow for drivers to more easily see objects in front of the vehicle to prevent accidents and avoidable vehicle damage.

Side View Camera – the nearside blind spot is accountable for many collisions. Most cyclist fatalities happen at low speeds, typically at road junctions and when pulling off from a stationary position. Sideswipe collisions on motorways are another common result of poor visibility. This problem is exacerbated when the driver position is on the wrong side in left-hand drive and right-hand drive traffic. The usage of side view cameras can remove nearside blind spots, and reduce the risk of sideswipe collisions when turning and changing lanes.

ProView's range of monitors include models with the following features:

- Waterproof
- Built-in waterproof microphone
- Multiple mounting options: adjustable & flush-mount
- Sunshield
- LEDs for ultra-low light performance

- Mirror and/or normal view
- Paint-able housing
- Automatic electronic shutter control
- Tethered antennas (wireless applications only)

Wireless Applications

Connecting a rear view camera system to a large vehicle can be timely and difficult due to the amount of cable required to ensure a connection. ProView's wireless system eliminates excess cabling, reducing installation time and removing the need for excess cabling.

The wireless technology gives almost instantaneous pictures and can manage a reception distance of up to 150 feet in range. This reception distance may be less if obstacles or interference exist (i.e. metal or concrete buildings; cell interference; or microwave interference). The camera image is sent to the monitor via tethered antennas.

Top Movers

PART NUMBER	DESCRIPTION	CAMERA	DISPLAY	CABLE	CAMERA+DISPLAY KIT	WIRED	WIRELESS
C-SDR-CMOS	PRO-VIEW LEFT OR RIGHT SIDE VIEW COLOR CMOS CAMERA IN BLACK HOUSING	X				X	
C122H	PRO-VIEW WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS	X				X	
CAM175-W	PRO-VIEW 2.4 GHZ WIRELESS COLOR CMOS CAMERA	X					X
CAM-HDT-PLA	PRO-VIEW HEAVY-DUTY TRAILER CAMERA CABLE			X		X	
M115C	PRO-VIEW 7" COLOR LCD MONITOR WITH 1 CAMERA INPUT		X			X	
M130C	PRO-VIEW 7" COLOR LCD MONITOR WITH 3 CAMERA INPUTS		X			X	
MCS-10PP	PRO-VIEW 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS & 35' CABLE				X	X	
MCS-10PP70	PRO-VIEW 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS				X	X	

	CAMERA WITH NIGHT VISION LEDS & 70' CABLE			
MCS-10PP-ST	PRO-VIEW 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS, 35', 70' & DISCONNECT CABLE		X	X
MCS-13PP	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS & 35' CABLE		X	X
MCS-13PP70	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS & 70' CABLE		X	X
MCS-13PP-ST	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH WATERPROOF REAR VIEW COLOR CMOS CAMERA WITH NIGHT VISION LEDS, 35' & 70' CABLES & DISCONNECT CABLE		X	X
MCS-20PP	PRO-VIEW 7" COLOR LCD SYSTEM WITH SIDE VIEW COLOR CMOS CAMERA & 16' CABLE		X	X
MCS-23PP	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH SIDE VIEW COLOR CMOS CAMERA & 16' CABLE		X	X
MCS-30PP	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH TWO CMOS CAMERAS (REAR VIEW AND SIDE VIEW), 16' & 35' CABLES		X	X
MCS-30PP-ST	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH TWO CMOS CAMERAS (REAR VIEW AND SIDE VIEW), 16', 35' & 70' CABLES & DISCONNECT CABLE		X	X
MCS-40PP	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH THREE CMOS CAMERAS (REAR VIEW AND SIDE VIEWS), 16' & 35' CABLES		X	X
MCS-40PP-ST	PRO-VIEW PREMIUM 7" COLOR LCD SYSTEM WITH THREE CMOS CAMERAS (REAR VIEW AND SIDE VIEWS), 16', 35' AND 70' CABLES AND DISCONNECT CABLE		X	X
RRC-10	PRO-VIEW 10' CAMERA SYSTEM EXTENDER CABLE	X		X
RRC-16	PRO-VIEW 16' CAMERA SYSTEM EXTENDER CABLE	X		X

RRC-35	PRO-VIEW 35' CAMERA SYSTEM EXTENDER CABLE			X	X	
RRC-70	PRO-VIEW 70' CAMERA SYSTEM EXTENDER CABLE			X	X	
VBV-301C	BRIGADE COMPACT FLUSH-MOUNT EYEBALL CAMERA - MIRROR VIEW	X			X	X
VBV-701C	BRIGADE REAR VIEW / FRONT VIEW SELECT CAMERA - NTSC	X			X	X
VBV-770FM	BRIGADE 7" QUAD AHD LCD MONITOR		X		X	X
VBV-L410	BRIGADE SELECT 33' CAMERA CABLE TO CONNECT TO MONITOR			X	X	
VBV-L420	BRIGADE SELECT 66' CAMERA CABLE TO CONNECT TO MONITOR			X	X	
VBV-L4025	BRIGADE SELECT 2.5 M / 8-FOOT CAMERA CABLE			X	X	
VBV-L403	BRIGADE SELECT 3 M / 10-FOOT CAMERA CABLE			X	X	
VBV-L405	BRIGADE SELECT 5 M / 16-FOOT CAMERA CABLE			X	X	
VBV-L406	BRIGADE SELECT 6 M / 20-FOOT CAMERA CABLE			X	X	
VBV-L407	BRIGADE SELECT 7 M / 23-FOOT CAMERA CABLE			X	X	
VBV-L410	BRIGADE SELECT 10 M / 33-FOOT CAMERA CABLE			X	X	
VBV-L412	BRIGADE SELECT 12 M / 39-FOOT CAMERA CABLE			X	X	
VBV-L415	BRIGADE SELECT 15 M / 49-FOOT CAMERA CABLE			X	X	
VBV-L420	BRIGADE SELECT 20 M / 66-FOOT CAMERA CABLE			X	X	
VBV-L430	BRIGADE SELECT 30 M / 98-FOOT CAMERA CABLE			X	X	

Downloads

- **Brigade Camera Monitor Systems Flyer**
- **Brigade Backeye 360 Flyer**
- **Pro-View Camera Systems Flyer**

Warranty Information

- Brigade has a **2-Year Warranty**
- Pro-View has a **1-Year Warranty**

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Back to Top

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