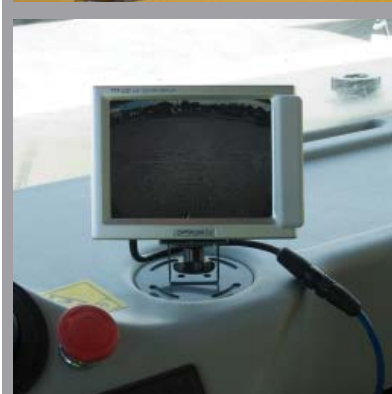


VISION  
DETECTION  
COMFORT  
RESTRAINT  
WARNING  
CONTROL  
SERVICE



SPILLARD  
safety systems

## OPTRONICS® OPT5600



Optronics design and manufacture reversing camera systems and mobile CCTV solutions for all types of industrial vehicles.



# Optronic.

## Optimum visibility, minimum risk

**optronics**<sup>®</sup>  
VISION SOLUTIONS



All round awareness and visibility are critical to increasing operator safety and reducing the risk of injury and damage to people, vehicles and equipment.

Optronic reversing camera systems and mobile CCTV - exclusively designed, manufactured, installed and supported by Spillard - have been making a major contribution in this vitally important area since 1997.

They deliver superb, unrivalled image quality, day and night, even in low lighting conditions – improving the operator's field of vision, eliminating blind spots to the rear of vehicles, and making reversing and manoeuvring far safer.

system - service - expert installation - operation





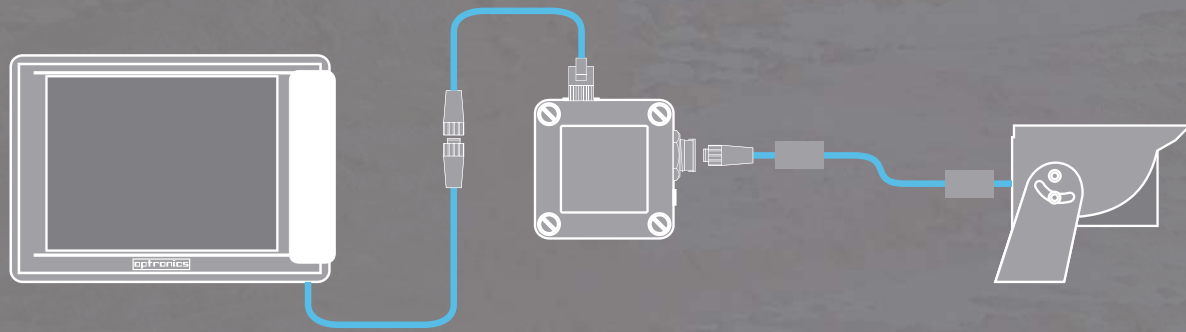


Specifically developed for extreme environments, Optronic camera systems are designed to cope with the wet, the dirty and the gruelling daily conditions encountered in off-highway use.

Unlike other alternatives intended for highway vehicles, Optronic systems are tough, rugged and durable, using only the highest quality components and needing only minimal maintenance.

As a result, they're widely used for demanding applications on earth-moving equipment, excavators, dump trucks, boats, military vehicles and police cars.

Optronic systems are legacy proof and modular. Existing monitors, control boxes, cameras and cabling are all fully interchangeable with new units being manufactured today - making upgrading easy and cost-effective.



*Camera run over by wagon and monitor involved in cab fire but still fully functioning*

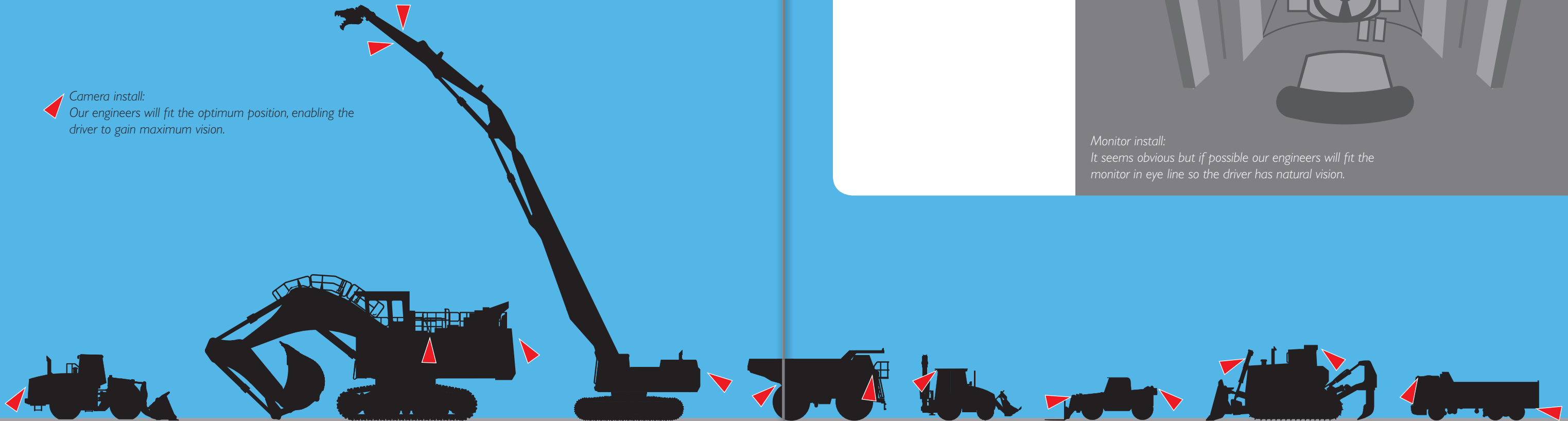




# Seeing round the problem

We can advise on and supply a wide range of specialised options – from complex multiple monitor, quad camera systems for excavators or wireless remote monitors on loading shovels to simple bespoke mounting brackets and steel encased cables for articulated dump trucks - whatever the problem, we'll help you see round it.

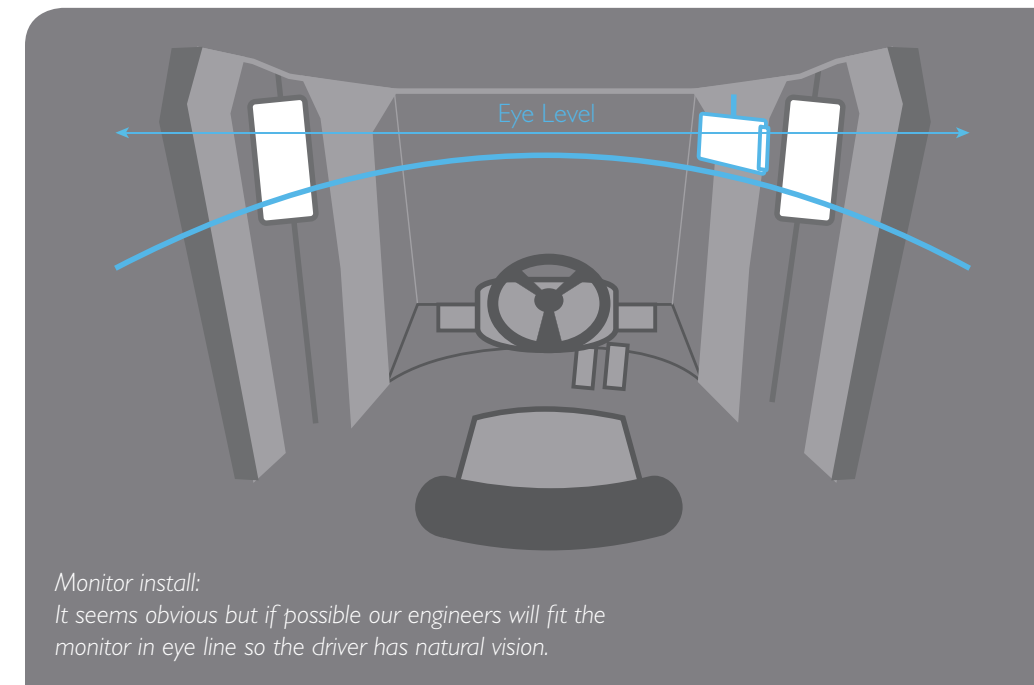
*Camera install:*  
Our engineers will fit the optimum position, enabling the driver to gain maximum vision.



Spillard Safety Systems don't sell off the shelf, or out of boxes. Optronics reversing camera systems and mobile CCTV solutions are always specified, customised, built and installed to order.

Cables are designed and delivered to the correct length. The right mounting brackets are supplied to fit in the right place - not always the easiest or most accessible. Reversing camera systems are mounted in the centre of the vehicle so that a fixed point, visible on the screen, can be used as a reference position when reversing. The monitor in the cab is mounted in line with mirrors to assist natural eye movement within normal line of sight.

We take time to make sure that we supply you with the right equipment, that it's fitted in the right way, and that it delivers the right results.



*Monitor install:*  
It seems obvious but if possible our engineers will fit the monitor in eye line so the driver has natural vision.

# Optronics OPT5600 industrialised colour camera system

Designed to handle the very toughest challenges in quarrying, construction, demolition and military applications, the Optronics OPT5600 is a high performance, high durability industrialised system.



With NATO codification, ISO 13677 and ISO 16001 compliance, CE and 'e' certification and an enhanced three year warranty, it meets the most exacting of standards and proves its reliability every day in the most demanding of conditions.

Special features including auto ignition power-up, a permanently reversed mirror image and tamperproof keypad.



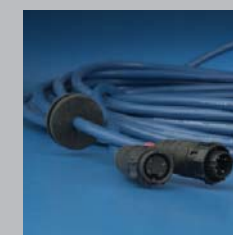
- Om560 Monitor**
- > 5.6" colour TFT LCD
  - > Anti-glare active matrix screen
  - > 960(H) x 234 (V) pixels
  - > 120° Viewing Angle
  - > Quick release for added security



- Oc600 Camera**
- > Digital Sony day/night 1/3" ccd
  - > 540 tv Lines
  - > 120° Lens
  - > 0 lux IR on night mode
  - > IR LED 5 metres
  - > IP68 waterproof



- Od100 IPU Interface**
- > 9-36 volts dc
  - > Anti-surge and fuse protection
  - > 710mA



- Cable**
- > Steel braided loom cable
  - > Optronics blue insulation
  - > SwitchCraft IP68 quick fit heavy duty waterproof plugs

# No cutting corners



Every Optronics system we supply is backed by a full three year warranty.

Our expert, nationwide team of trained fitters, service engineers and sales advisors carry out machine-by-machine visibility studies, professional installations, programme management and after-sales support. Technical queries are quickly resolved by our dedicated helpline.

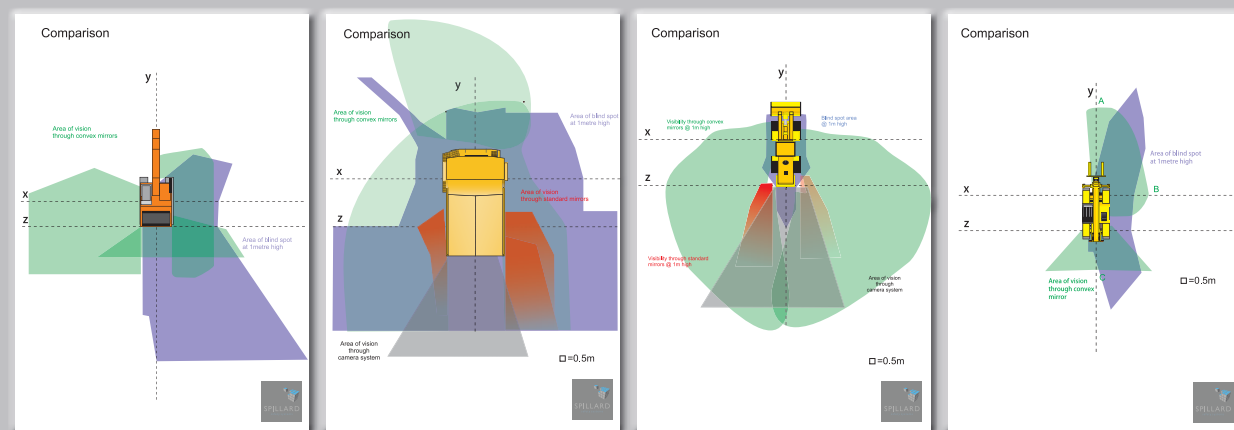
If you need supplies fast, we can meet most needs for new installations and spares via next day despatch from stock.

Most important of all, we'll never just leave you with a box, a manual, and all the uncertainties of how to install your system safely and effectively. We care as much about ensuring safety as you do. And that's why we never cut corners or take short cuts where safety is concerned.

Only the best components from manufacturers around the world; assembled and tested in the UK.

All elements of Optronics safety systems including cable and control units are thoroughly tested to all relevant current ISO and British standards, including rigorous field testing.

All are CE and 'e' marked, and comply with ISO 16001. The Optronics 5600 industrialised range is also ISO 13766 accredited.



visit [www.spillard.com](http://www.spillard.com) to download vision study diagram pdfs.



