

SAFETY COMES AS STANDARD

Safer driving with an Orlaco camera system.




SAFETY COMES AS STANDARD


In all the years that Volvo has been manufacturing vehicles, it has built up an excellent reputation when it comes to safety. One of the aspects that has been given a lot of attention is visibility around trucks. The Dutch government recognised the problem of the hazardous blind spot and as a result introduced mandatory regulations regarding vision systems. By doing so, the Netherlands set a trend in the transport industry, resulting in European guidelines being implemented. These guidelines state that all new commercial vehicles with a European number plate, must, as of the 26th of January 2007, be fitted with a certified front view system. Orlaco's certified colour camera complies fully with the latest European guidelines and also meets Volvo's strictest requirements and quality criterion that the Volvo name represents.

Orlaco's certified front camera

The European guidelines state that if the vehicle is travelling at speeds between 0 and 30 km per hour, the area up to two meters to the front of the vehicle's cabin needs to be fully visible to the driver. A certified front view system must be used to make this mandatory view area visible to the driver. Volvo strongly recommends the use of an Orlaco colour camera which will ensure you comply fully with the latest traffic laws. The camera is compact and inconspicuous and yet it is still able to deliver superior technology and an exceptionally clear, high quality image. The monitor can be installed on top, or integrated into the dashboard with both options aesthetically pleasing to the eye.



 Mandatory European field of vision
Class VI

 The Orlaco camera surveys the
Class VI field of vision and much
more.





FRONT VISION COLOUR SYSTEM

COMPACT SET 115

Product description

Compact Camera Colour CCC 115

- A clear image in bright or low-lying sun conditions due to the 'sunlight resistant' feature
- Light sensitivity 0.5 lux
- Nitrogen filled housing, waterproof IP 69
- Heated lens glass, preventing condensation and frost
- High resolution
- Fixed lens, angle of aperture: 115° horizontal
- Shockproof and vibration resistant

Compact LCD monitor 7"

- Highly compact
- High resolution, a crystal clear image during all conditions
- The amount of light radiation emitting from the monitor adjusts automatically to the amount of light in the surrounding area
- Integrated sunshade

- Shockproof and vibration resistant
- Input voltage 12 to 30 volt DC

Multikabel UNI

- 5 metre
- Waterproof straight connectors
- Resistant to oil and petrol

Manual

- Front vision

Article number

0401830:

Front view

Compact set 115



FRONT VISION COLOUR SYSTEM

DDIN-SET 115

Product description

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- Light sensitivity 0.5 lux
- Nitrogen filled housing, waterproof IP 69
- Heated lens glass, preventing condensation and frost
- High resolution
- Fixed lens, angle of aperture: 115° horizontal
- Shockproof and vibration resistant

Double DIN monitor 7"

- The monitor can easily be built into a Volvo dashboard, using the DDIN adapter, that is specially designed for this purpose (part.nr. 0400680).
- Highly compact
- High resolution, a crystal clear image during all conditions
- The amount of light radiation emitting from the monitor adjusts automatically to the amount of light in the surrounding area

adjusts automatically to the amount of light in the surrounding area

- With OSD menu
- Integrated sunshade
- Shockproof and vibration resistant
- Input voltage 12 to 30 volt DC

Multikabel UNI

- 5 metre
- Waterproof straight connectors
- Resistant to oil and petrol

Manual

- Front vision

Article number

0400510:

Front view

DDIN-set 115



VOLVO TRUCKS. DRIVING PROGRESS

The advantages of an Orlaco FrontCam compared to a front vision mirror

- **A broader field of vision**

The camera sees more than a mirror.

- **Compact**

The camera does not protrude and is therefore less susceptible to damages. The camera is compact and does not influence the aesthetic design of the vehicle.

- **Additional rear visibility**

Damages caused by vehicles whilst they are reversing remain an underestimated expense account in a company. The front camera makes the blind spot to the front of the vehicle visible, whilst the rear vision camera keeps an eye on the area behind the vehicle, making it safer and easier for the driver to manoeuvre and load or unload his vehicle.

- **A combination with navigation**

Save both costs and space by connecting your navigation system to the Orlaco system.

- **Aerodynamic**

The cameras compact, aerodynamic design does not influence the vehicles fuel consumption.

- **Once only adjustment**

The camera is always positioned correctly, no matter what the height of the driver.

Orlaco's technical aspects:

- The system is 100% waterproof (IP 69K) and can be safely cleaned with a high pressure hose or for example in the car wash.
- It is possible to connect numerous cameras to one single monitor.
- The camera's lens glass is heated and provides a clear image when temperatures reach below freezing point.
- The lens glass is chemically hardened, therefore preventing cracks and damages.
- The cameras are corrosion proof.
- The cameras are resistant to sunlight and provide a clear image even when there is bright or low-lying sun.
- The system is shockproof and vibration resistant and complies with the heaviest off road demands
- The front camera is certified (certificate e4*2003/97*2005/27*0001*01).
- Custom made vision solutions are possible

Your Volvo dealer will be able to advise you about the various possibilities of Orlaco's vision solutions. You can also of course contact Orlaco directly at +31 (0) 342-404 555 or www.orlaco.com.



Orlaco's vision systems are manufactured according to the ISO 9001 – 2000 quality standards and are certified according to

E-marking. The Orlaco system conforms fully to all European legislation requirements, namely: EMC 72/245/EC and Mirror Directive 2003/97/EC. The front vision system is certified with the e4 03-0489 and e4 S 03*0001 numbers.