

**Vision is  
our mission<sup>®</sup>**



**INDUSTRIAL  
CRANES  
VISION SOLUTIONS**

# Overhead Cranes



## Loadview



The crane operator in the cabin does not always have optimal visibility on the cranes hook and the load. Especially when he must lift over machinery, into rail cars and behind stacks of plate/coil steel in warehouses. The Orlaco loadview system is offering a solution with a camera fitted to the hoist looking straight down on the hook and the load. The operator receives real-time (analog) image on the monitor.



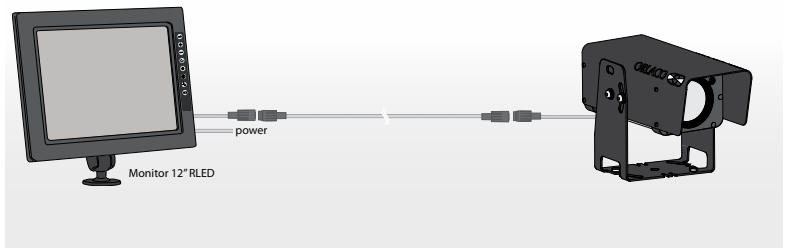
## Loadview Basic 7"

Basic system with a 7" monitor and any of the Orlaco cameras. As it is a modular system you can always expand with a multiview or switcher to hook up more cameras.



## Loadview Basic 12"

Basic system with a 12" monitor and any of the Orlaco cameras for showing multiple camera views at the same time.



## camera possibilities

### Orlaco cameras

- Fixed or zoom lens (432x zoom)
- High resolution
- Waterproof IP69
- Corrosion resistant
- Heated lens surface
- Shockproof and vibration resistant
- EMC approved and certificated
- -40° to +85° operating temperature



### Camera FAMOS

- Aperture angle for every solution
- Next generation CMOS sensor



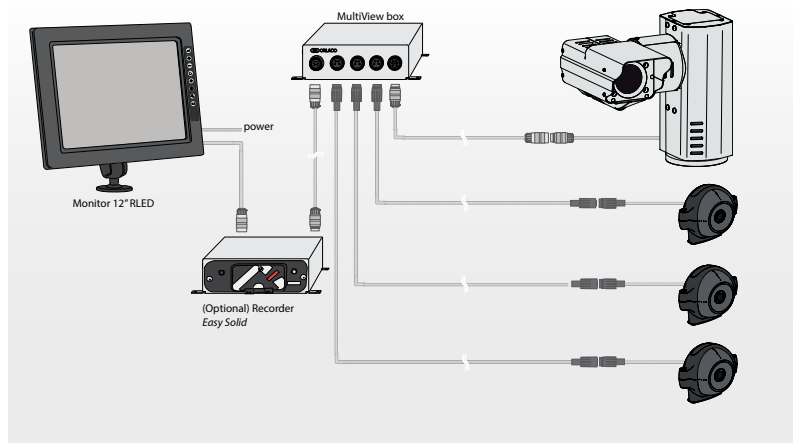
### Camera AMOS InfraRed LED

- Lens angle 69° / 118°, 24V/DC
- 15 High Power Infrared LEDs 850nm



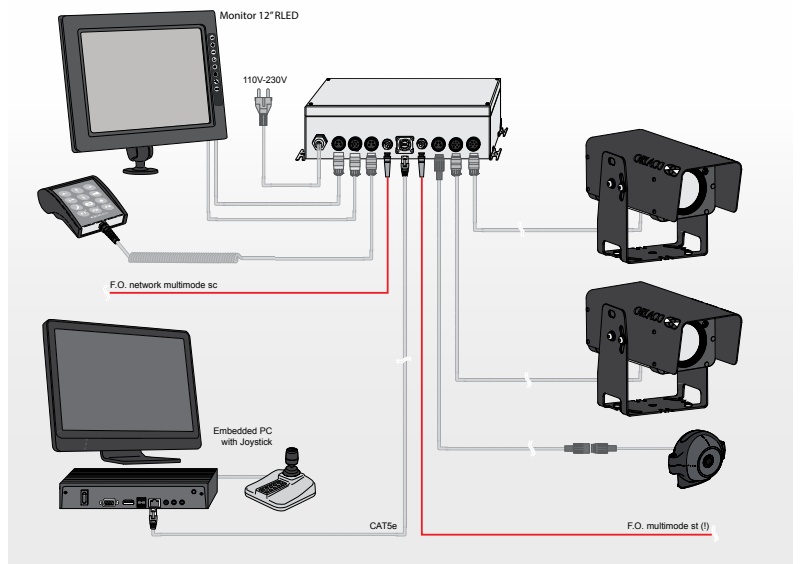
## Multiview system

The Orlaco Multiview system allows multiple cameras to operate independently or simultaneously on the screen based on menu drive choices within the monitor. This allows the operator to safely see all around to avoid any danger. Use an Orlaco Zoom Camera to read shipping tags or bar codes (using your own bar code scanner). Utilize a DVR in the system to record the last 72 hours of operations on a removable disc. Many combinations of cameras and monitors are available for every conceivable configuration.



## Basic analog module

The Orlaco Basic analog module has the same features as the multiview system and in addition to that there are digital outputs to hook up to Ethernet / glass fiber to have remote access to the system.



### Camera AF-Zoom

- Aluminium black or stainless steel
- Optional oil damped bracket



### Camera Pan & Tilt

- Aluminium black or stainless steel
- Pan angle 340°, tilt angle 180°



### P&T Thermal Image Camera (PTTIC)

- Aluminium black or stainless steel
- 4x zoom, Pal/NTSC, 5 color palettes



**Loadview**

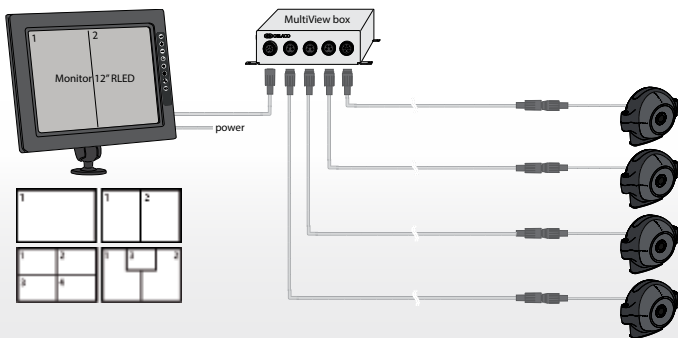


Large gantry cranes pose a difficult problem for the crane operator. In most cases the operator is very high up and long distances from the hook and lifted load. The Orlaco compact or zoom cameras allow the operator to have a clear view at the load and the surrounding area.

**Driven-Direction-View**



Positioning Compact Cameras on the crane legs ensures that the crane operator always has a good view while moving to the left or right. The four cameras can be switched to a quad view when the vehicle is stationary and the views from the two required cameras can be shown in a split screen when moving to the left or the right.



**monitor possibilities**

**Orlaco monitors**

- LED Backlight technology
- High resolution bright image
- Full On-Screen-Display (OSD)
- Input voltage 12...60V/DC +/- 10%
- Brightness automatically adjust to light
- Shockproof and vibration resistant
- IP67 according to IEC 60529
- -40° to +85° operating temperature



**Monitor 7" RLED**

- 7inch LED backlight display
- Including user-adjustable bracket



**Monitor 12" RLED**

- 12inch LED backlight display
- Including user-adjustable bracket