



parts supply

WORLDWIDE BV

BUILDING AND CONSTRUCTION

Camera monitoring systems

ABOUT OUR CAMERA MONITORING SYSTEMS

With years of experience working in and around cranes we know how important safety and visibility is. This is why we offer you safety camera systems, to enhance visibility, increase safety and raise efficiency for your construction site.

The camera system for cranes is reliable and virtually eliminates all blind lifts. Further more it monitors the winches and oversees the slewing-area with a high



quality wireless camera and quad view cabin monitor. We are sure that the safety camera systems will enhance your operator's visibility, increase safety, raise work floor efficiency and reduce your costs and damages.

We can provide the camera safety system to crane owners and operators around the world. The clearer the vision, the better the results.

SAFETY SYSTEMS FOR BUILDING AND CONSTRUCTION

In general, cranes are getting bigger with more distances, longer booms and longer bodies. This results in more issues with sight on load, winches and body. Because of these issues, camera systems become more important in the industry.

Our heavy-duty safety camera systems helps the crane operator to work more safely and helps to detect persons and objects in the path of the crane.

A robust and shock-proof camera attached to the boom captures the entire area.

The wide viewing angle makes it possible to capture the entire rear area of the machine.

When you need to keep an eye on the load you can equip the crane with an oil damped zoom camera which provides images of the working area and is fitted on the boom. It is positioned in such a way that it looks vertically downwards on the top of the hook and load. The quad view monitor in the cabin ensures that the operator has continuous visibility while hoisting, regardless of the position of the hook and load.

ACCESSORY PROGRAM, EXPAND YOUR SIGHT

When the visibility is not enough to guarantee safety, the flexibility of the safety camera systems offers the possibility to adapt the system to your specific needs. This means that components and cameras can be added to the original system.

For example you can expand your view with a rear camera or winch camera on the back of the crane. This way the operator can see the rear area and the winch without turning his head.

A camera can also be added to the side of your crane to get a clear view.

For tower cranes you can also add an external battery to power your cameras. The battery, which is placed on the trolley, can be charged automatically with the use of induction charging system.

These additions will enhance visibility around your cranes and machines from container handling to construction site and from mining to ports.

To make the cameras weather en damage proof all cameras are dry nitrogen filled for internal protection.



ECAB - 1075
WEATHER PROTECTED
CABLE CONNECTION

Cable connecting zoom camera
and power converter



ECCD - 9075
COMPACT FIXED LENS CAMERA

Light sensitivity: < 0.01 lux
Lens specified: 78°
Functions: High strength tempered
lens glass, internal protection 1,4 bar
dry nitrogen filled



EPWR - 0220
POWER CONVERTER WITH
CONNECTION BOX

PI: 100-240VAc 2.0-3.0A 50/60Hz
PO: +17Vdc 10A
Usage: 2 power outputs



EBAT - 0010 / EQFM-0010
RECHARGEABLE BATTERY PACK
PLUG & PLAY BRACKET

Up to 30 hours at 250C
Charging time: 5 hours (80%)
PI: 17V/DC, 4.5 A max
Out current 2.2 A max
Capacity: 22AH



ECIP - S115
COMPACT IP INFRA RED

PI: IEEE 802.3af (POE)
OP Temp.: -40°C to +80°C
Functions: Stainless steel, High
strength tempered lens glass, Internal
protection 1,4 bar dry nitrogen filled



EREC - 4040
CHANNEL VIDEO RECORDER

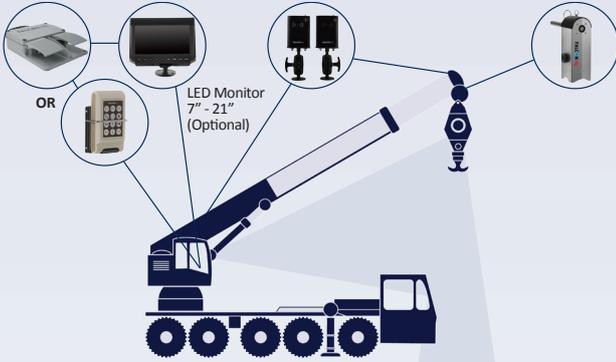
Video input: 4-channel
Input voltage: 12-36 V DC
Video standard: PAL
Frame rate fps, 25fps, 15fps, 12fps, 10fps
Storage medium 32GB, 64GB, 128GB SD

MOBILE- TRUCK- & A.T.- CRANES



The standard camera system for a mobile crane consists out of an oil damped zoom camera, quad view monitor, keypad controller, power converter which connecting box, video receiver and transmitter and an installation cable.

The oil damped zoom camera, mounted on the boom head, maintains a straight vertical downwards view sending images of the load to a high quality and high-resolution quad-view monitor in the operator's cabin.

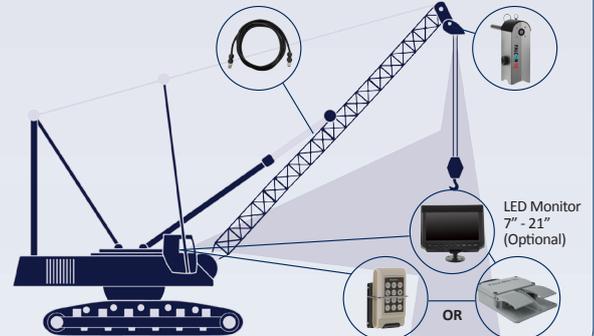


CRAWLER CRANES AND EXCAVATORS



The camera system for a crawler crane consists out of an oil damped zoom camera, quad view monitor, keypad controller or foot pedal, power converter, connecting box, video receiver and transmitter and an installation cable.

The oil damped zoom camera, mounted on the boom head, maintains a straight vertical downwards view sending images of the load to a high quality and high-resolution color screen monitor in the operator's cabin.

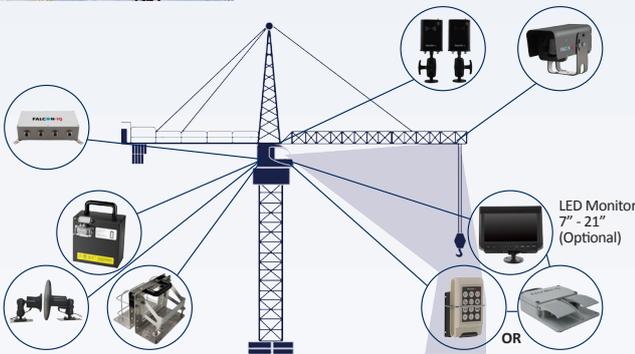


TOWER CRANES



The camera system for a tower crane consists out of a zoom camera, monitor, rechargeable battery pack with plug and play bracket, induction charging system, keypad controller or foot pedal, power converter and a wireless system connecting the camera and monitor.

The zoom camera fitted on the trolley is facing downwards on top of the hook. On the quad view monitor in the crane cabin, the operator receives a clear image of the position of the hook and load.

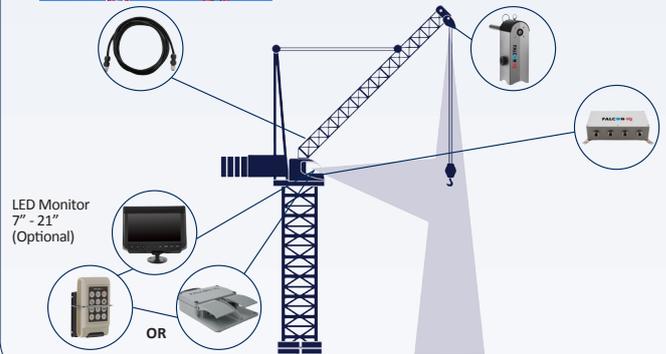


LUFFING CRANES



The camera system for a luffing crane consists out of an oil damped zoom camera, quad view monitor, keypad controller or foot pedal, power converter and an installation cable.

The oil damped zoom camera fitted to the boom head is facing downwards on top of the hook and load. Depending on the angle of the boom, a suspended mount always keeps the camera downwards.



WHY CHOOSE OUR SYSTEMS?

- RELIABLE AND OPERATOR FRIENDLY
- ERGONOMIC AND COMFORTABLE TO USE
- SHOCK RESISTANT UP TO 80G
- WORKS UNDER ROUGH CONDITIONS
- ENABLES REAL-TIME VISIBILITY AND CONTROL
- INCREASES YOUR JOBSITE SAFETY
- EFFICIENT AND PREVENTION OF DAMAGES
- ELIMINATES VIRTUALLY ALL BLIND SPOTS
- RENTAL AND HIRE POSSIBILITIES
- EXCELLENT QUALITY IN SERVICES AND SUPPORT



EZCD - 9018
ZOOM CAMERA
Zoom ratio: 216 x zoom
with wide dynamic range
View angle: 48° (wide) 2.8° (tele)
RES: 530 TV Lines
PI: Stabilized 12~24V/DC
Light sensitivity: < 0,001 Lux



EZCD - 9018 (OD)
ZOOM CAMERA OIL DAMPED
Zoom ratio: 216 x zoom
with wide dynamic range
View angle: 48° (wide) 2.8° (tele)
RES: 530 TV Lines
PI: Stabilized 12~24V/DC
Light sensitivity: < 0,001 Lux



EZCD - 9018 (PT)
PAN & TILT ZOOM CAMERA
Zoom ratio: 216 x zoom
View angle: 48° (wide) 2.8° (tele)
RES: 460 TV Lines
Tilt angle: 180°(90°up,90°down)
Pan & tilt speed: 12.5°/sec
Light sensitivity: < 0,001 Lux



ELED - 9501 (P)
LED MONITOR
RES: 800x480 px, 800 TV lines
View: Wide-screen 16:9 disp. ratio
Sunlight Res.: Anti-glare treatment
Camera input: 4 x 4-pin M12 IP67



EWIR - 0010
VIDEO RECEIVER & TRANSMITTER
Max. Range: 150m
TV System: PAL
TV input: 1 Vtt composite video
Frequencies: 5.8Ghz
IVR: 12~24V/DC



EACS - 0040
INDUCTION CHARGING SYSTEM
Establish electric contact
automatically between the trolley
and the mast. The position can be set
quickly from many angles.

SAFETY SOLUTIONS FOR EVERY INDUSTRY



BUILDING & CONSTRUCTION



MATERIAL HANDLING



MARITIME & OFFSHORE



CONTAINER HANDLING



HEAVY EQUIPMENT & MINING



MOBILE CRANES



CRAWLER CRANES



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