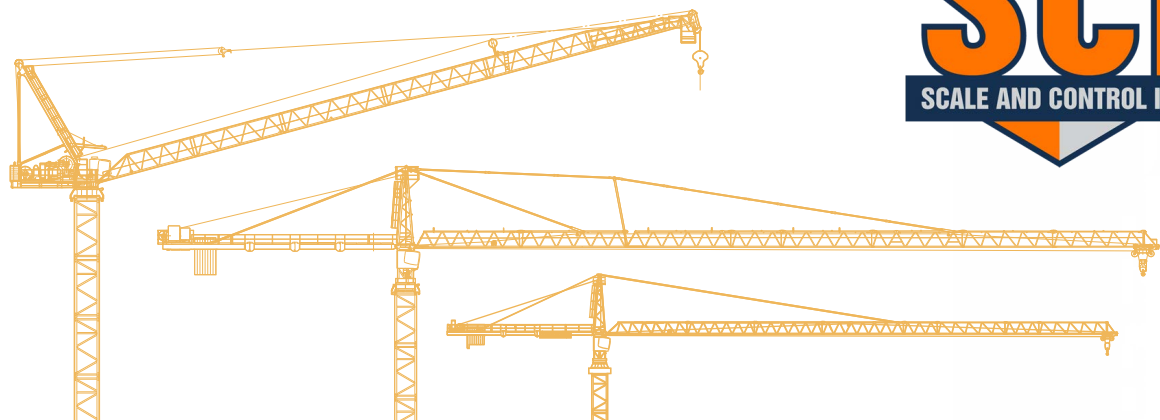




BCS

CRANECAMERA

Distributed by:

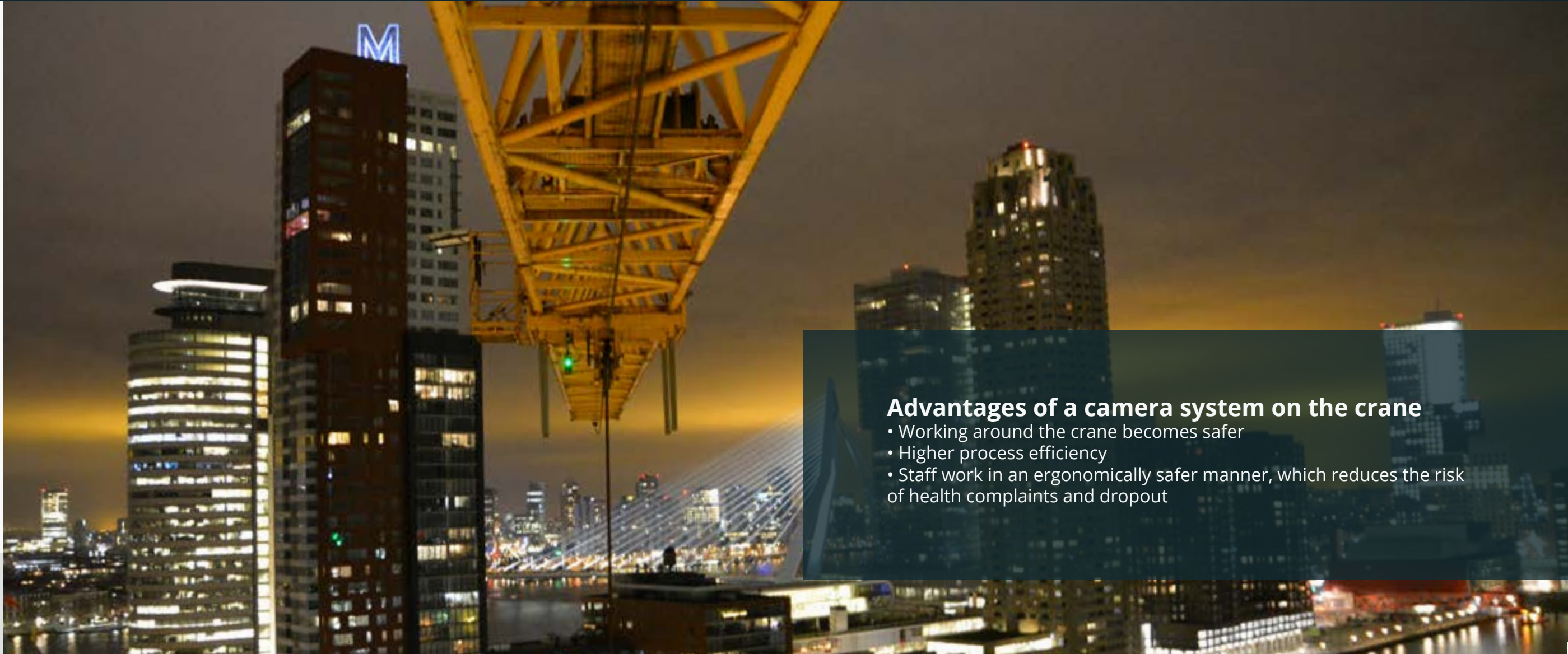


BCS is specialized in camera systems for all kind of cranes in the ports, bulk-handling, industrial and building & construction segment. Our extensive experience in the field and our knowledge of the different cranes and applications assures a good solution which increases production and safety at your location or job-site.

BCS develops and manufactures all products in it's own facility under strict criteria. This enables us to anticipate swift, efficient and flexible concerning new challenges and market developments. Our philosophy is to develop and produce the components and systems as robust, simple and straight forward as possible. This results in reliability and one of the best products in the market with an excellent price/quality ratio. Of course, at BCS we have a strong believe in our products and therefore we give a 5 year product warranty.

We believe in a personal approach, good service and clear arrangements for a successful business relationship.

A BCS camera works. Always!



Advantages of a camera system on the crane

- Working around the crane becomes safer
- Higher process efficiency
- Staff work in an ergonomically safer manner, which reduces the risk of health complaints and dropout



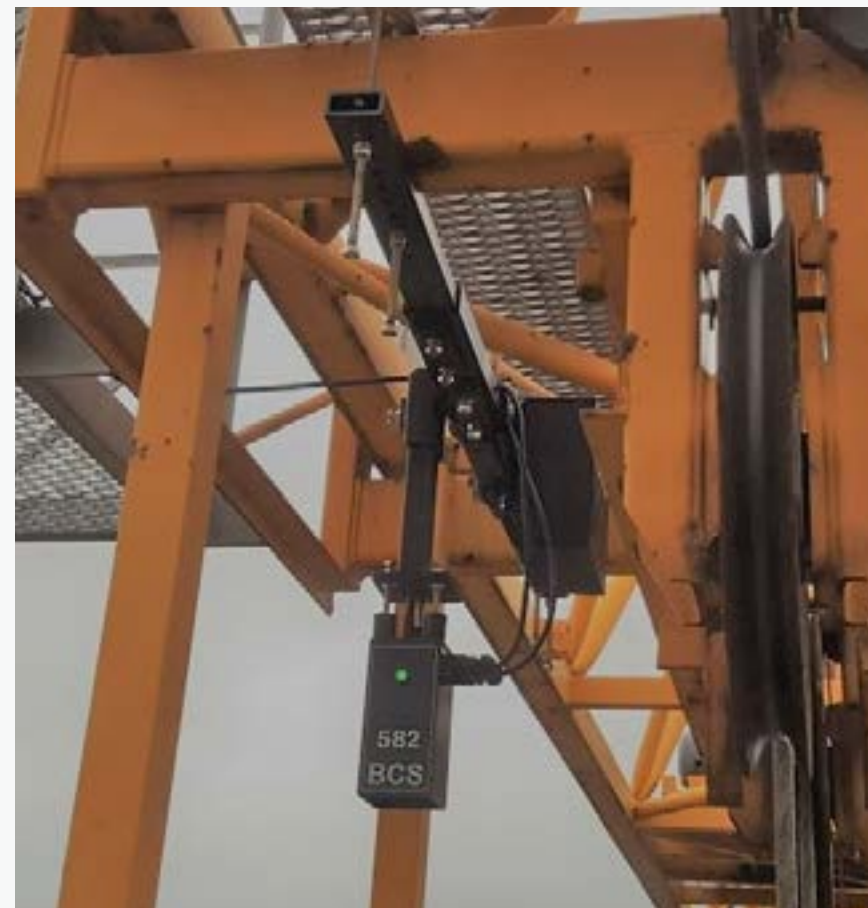
Camerasystem for trolley towercranes

The camera system for towercranes is compact, wireless and has a very low power consumption. The system can easily be operated by the supplied wireless foot pedal. The universal mounting mechanism makes it possible to install the camera system within one hour on every brand of crane.

The power supply for the camera system is provided by a solar panel and back-up battery. Because of the low power consumption we guarantee perfect operation of the camera system, 365 days a year.

The communication between transceiver and receiver takes place via an identification code. This code is unique for every camera unit and can be set and changed manually on the receiver in the cabin.

The camera and the receiver are always interchangeable of each other.



Camerasystem for trolley towercranes

The system contains the following components:

- Zoom camera with build-in transceiver
- Battery pack
- Solarpanel
- Display cabin-receiver
- Zoom footpedal
- 16:9 monitor and universal mounting kit

Optional:

- Wireless remote control

Specifications zoom camera:

- Camera placed in nitrogen filled housing
- Operating temperature -30° C tot +65° C
- Shock and vibration resistant
- Lens heating (switchable)
- 0,2 lux black/white, 1.2 lux color
- Resolution 1200TVL PAL signal
- 22x optical zoom
- Autofocus
- 12Volt DC / 1,3 Watt
- 868mHz data receiver
- 5,8GHz video transmitter
- Dimension 220x90x90 mm. (LxWxH)

Specifications wireless foot pedal:

- Robust housing
- Equipped with mounting-magnets
- On/off function, zoom tele/zoom wide function and lens heating
- 446mHz wireless connection with the monitor (back-up cable provided)

Specifications solar panel:

- Power 100 Watt
- Foldable, equipped with carrying brackets
- Mountable horizontal or under 45 degrees
- Mounting bracket kit stowable in solar panel

Specifications cabin transmitter/receiver:

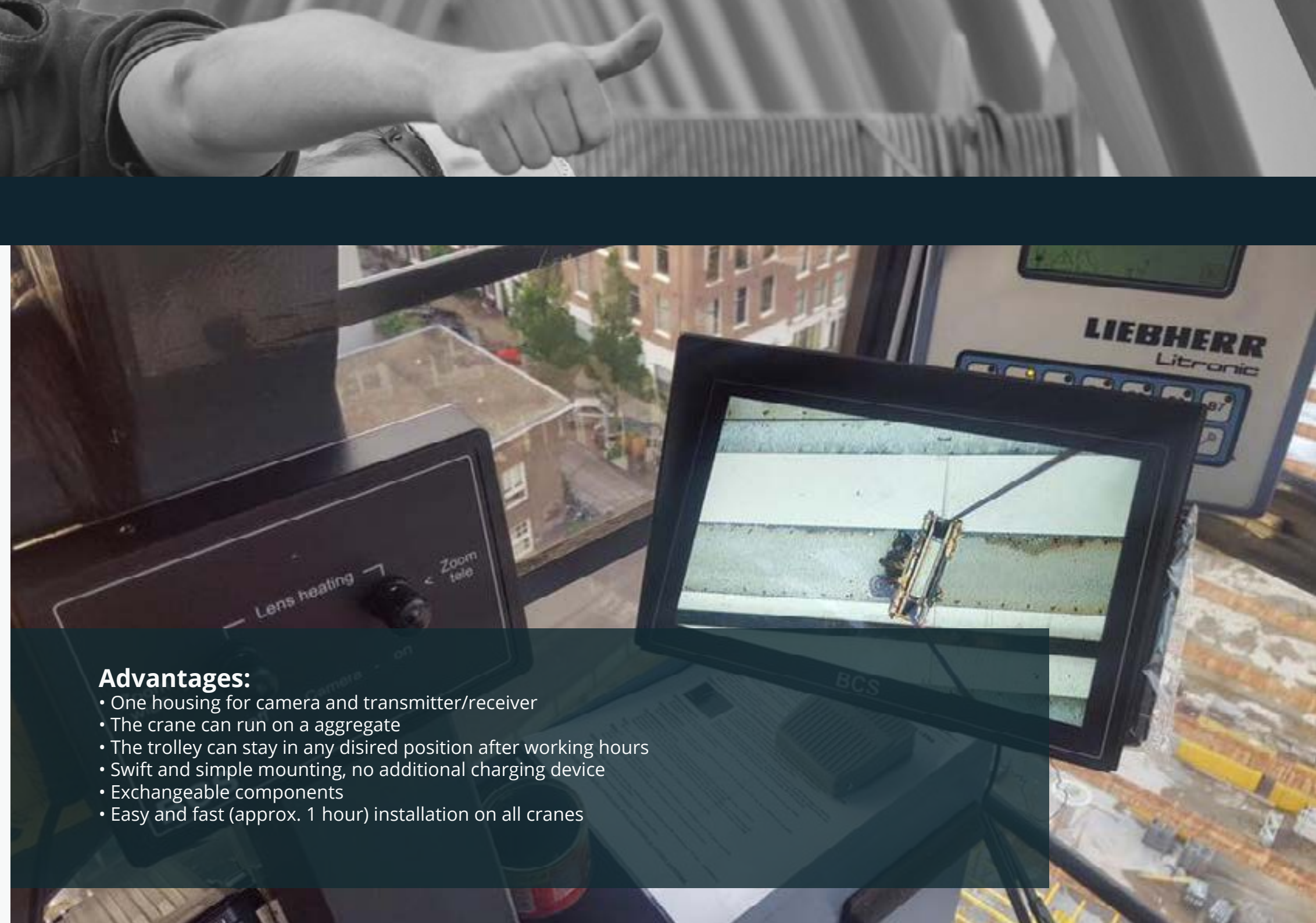
- 7 video channels
- 868mHz data transmitter
- 5,8GHz video receiver

Specifications monitor:

- High resolution 16:9 wide screen
- Shock and vibration resistant
- Screen size 10 inch
- Equipped with RAM Mount fixation
- Build-in receiver for wireless zoom pedal
- BNC video output (for recording), HDMI and USB input

Advantages:

- One housing for camera and transmitter/receiver
- The crane can run on a aggregate
- The trolley can stay in any disired position after working hours
- Swift and simple mounting, no additional charging device
- Exchangeable components
- Easy and fast (approx. 1 hour) installation on all cranes



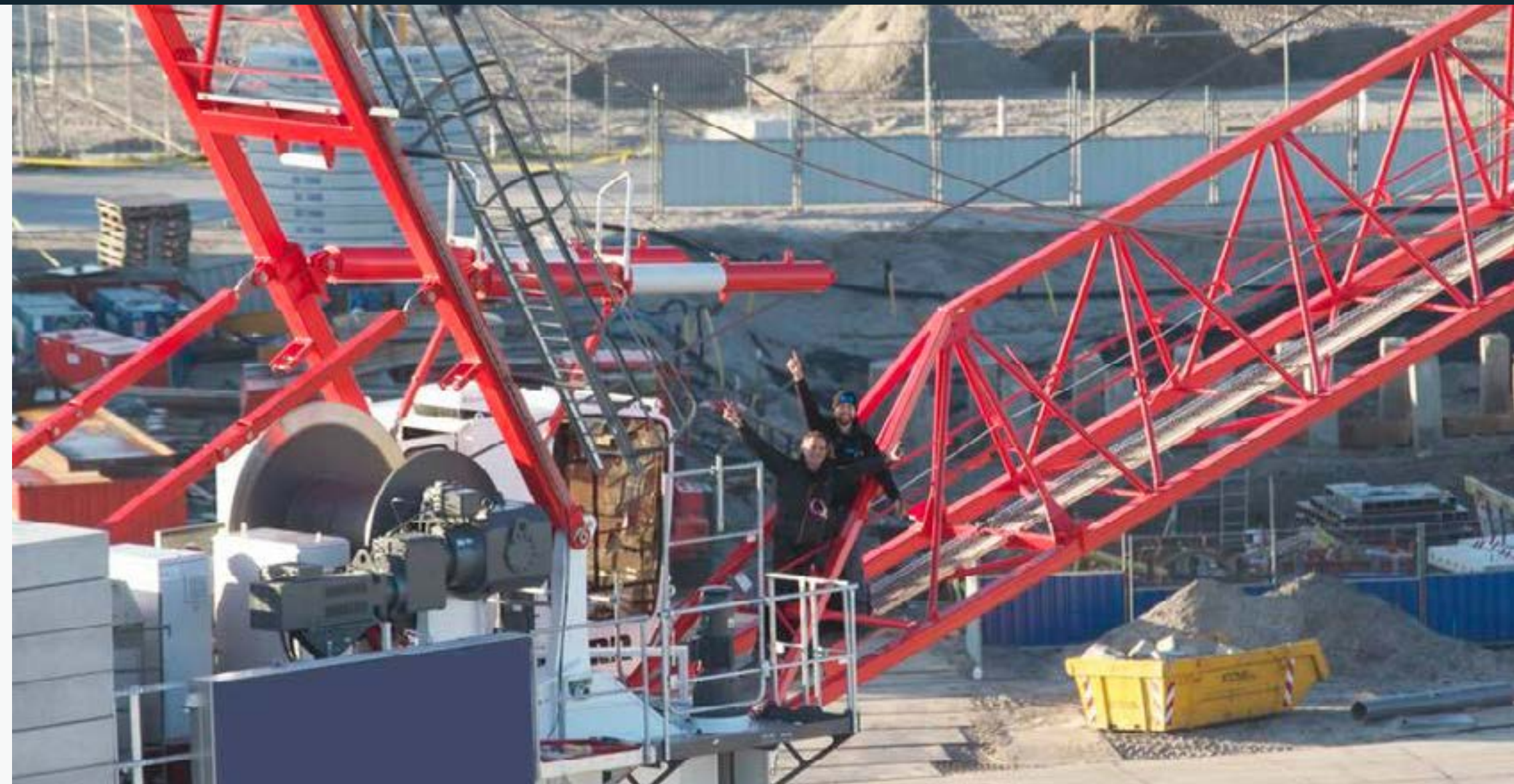


Camerasystem for luffing-jib cranes

For this type of crane BCS developed an unique camera equipped with an electrical auto-tilt module. This module makes sure that the camera is always pointed vertical and focussed at the hook or grab independently of the angle of the boom.

The tilting angle is manually adjustable from within the cabine to optimize the view. All the functions of the system can be operated by using the multifunctional wireless foot-pedal or the optional remote control.

The system can be equipped with a wireless transmitter/receiver or with a cable (depending on the type of crane).



Camerasystem for luffing-jib cranes

The system contains the following components:

- Zoom camera
- Transmitter/receiver
- Foot pedal and monitor

Optional:

- Bluetooth module for cell phone control
- Remote control

Specifications zoom camera:

- Nitrogen filled housing IP67
- Operating temperature -30° C tot +65° C
- Shock and vibration resistant
- Lens heating (switchable)
- 0,2 lux black/white, 1.2 lux color
- Resolution 700TV
- PAL signal
- 22x optical zoom
- Autofocus
- 24Volt DC / 8 Watt
- Dimension 220x90x90 mm. (LxWxH)
- Dimension wide including axle 120 mm

Specifications wireless foot pedal:

- Robust housing
- Equipped with mounting magnets
- 446mHz wireless connection with the monitor (back-up cable provided)
- On/off function, zoom tele/wide function, viewing angle adjustment and changing video channels

Specifications transmitter/receiver:

- IP67
- Shock and vibration resistant
- 7 video channels

Specifications monitor:

- High resolution 16:9 wide screen
- Operating temperature -30° C tot +65° C
- Shock and vibration resistant
- Screensize 10 inch
- Equipped with RAM Mount fixation
- Video output, HDMI and USB input

Advantages:

- The camera is insensitive for wind
- The camera can be mounted at less damage sensitive places
- The camera can change the viewing angle and therefore guarantees an optimal view





LIEBHERR
Litronic





BCS

CRANECAMERA

Distributed by:
Scale and Control Inc.
Seattle, WA.

www.scaleandcontrol.com



Phone
Office:

888-239-0552

E-mail
Office:

sales@scaleandcontrol.com

