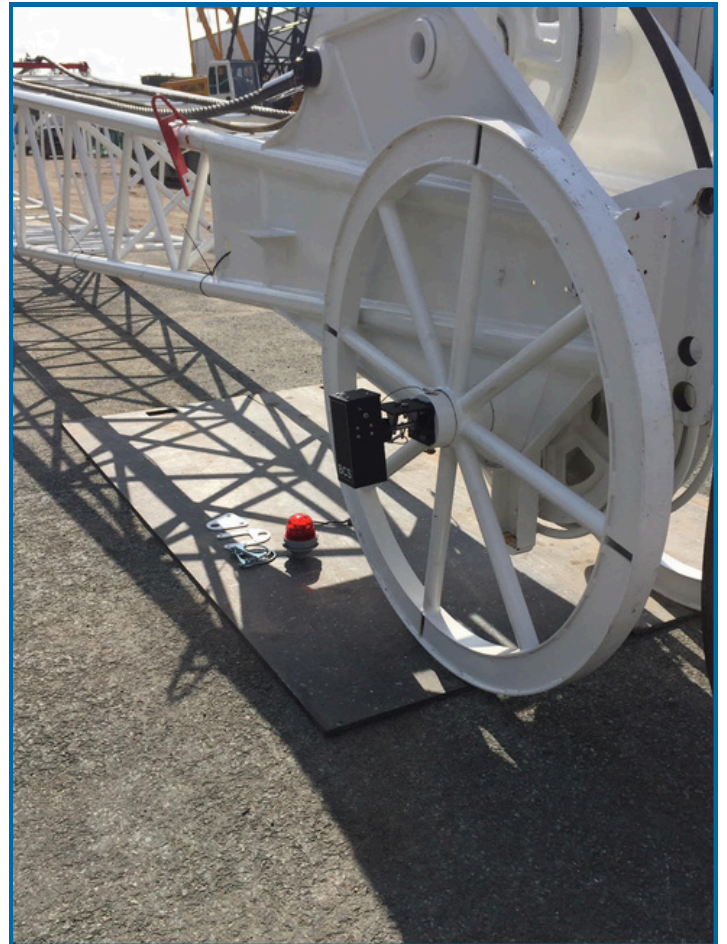




CRANECAMERA

Installation guide for BCS Cranecamera systems:

VH-3610



More Information:

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BCS
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Set description:

Introducing the VH-3610 Cranecamera set.

Designed specifically for crawler cranes, the VH-3610 offers exceptional functionality and durability. Encased in a nitrogen-filled housing, the motorized camera with tilt and zoom function automatically tracks the hook, maintaining a clear view as the crane jib goes up or down. The camera's viewing angle can be manually adjusted forward and backward from within the cabin using a wireless remote handheld, ensuring optimal visibility.

All video and data are transmitted via a single cable from the monitor to the camera mounted at the top of the crane, ensuring a seamless and reliable connection.

Operate the system effortlessly with the wireless handheld remote control, featuring a joystick and multiple functions, including on/off, zoom, and angle adjustment. Benefit from features such as wind resistance, flexible mounting options, and a direct cable connection for optimal performance.

The VH-3610 Cranecamera Set includes a high-quality zoom camera, a cable for monitor-to-camera connection, a wireless remote control with joystick, and an HD monitor. With specifications like shock and vibration resistance, high-resolution imaging, and lens heating, this set is built to withstand tough working environments while delivering exceptional performance.



Auto tilt zoom camera with mounting bracket and safety cord



High-res widescreen monitor



Wireless handheld zoom remote





Component guide:

- **A:** Camera with zoom & tilt function
 - **A1:** Camera bracket
 - **A2:** Safety cord
- **B:** Video-data cable 25 mtr
- **C:** Ram-mount for monitor
- **D:** High-res widescreen monitor type LC (10" or 13")
- **E:** Cable on reel 100 mtr (optional: 130 or 150 mtr)
 - **E1:** Safety cord
- **F:** Joystick for zoom & tilt control
- **G:** Handheld for zoom & tilt control
- **H:** Monitor power cable (open-end, 5 mtr)



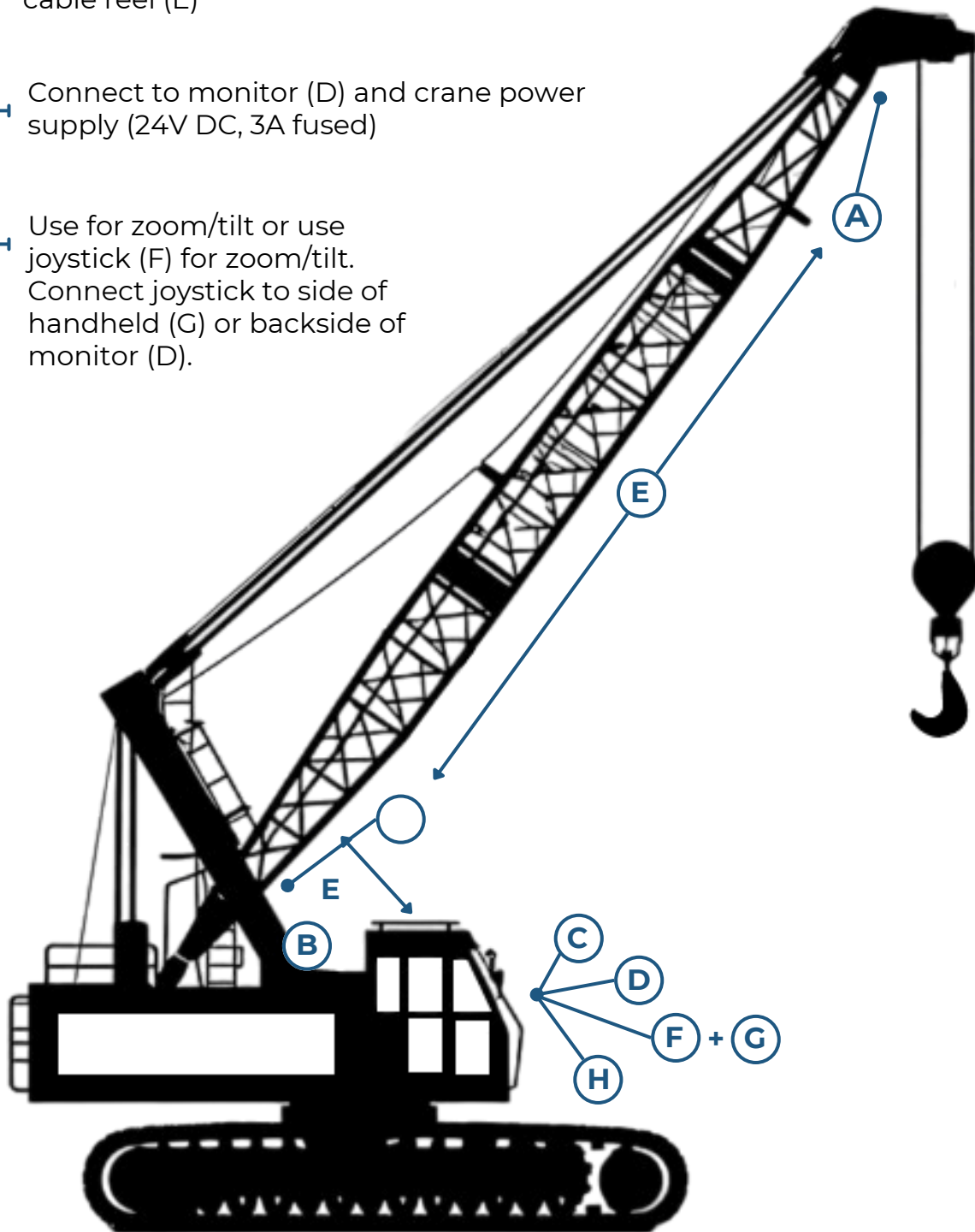
Component placement schematic:

A — Mount camera (A) with LED facing towards cabin, and connect safety cord to crane

B — Connect cable from monitor (D) to cable reel (E)

H — Connect to monitor (D) and crane power supply (24V DC, 3A fused)

G — Use for zoom/tilt or use joystick (F) for zoom/tilt. Connect joystick to side of handheld (G) or backside of monitor (D).



Side-buttons user manual for the high-res widescreen monitor:



Button guide:

- **1:** Open the menu
- **2:** Navigate "Up"
- **3:** Navigate "Down"
- **4:** Navigate "Left"
- **5:** Navigate "Right"



OPERATION MANUAL CAMERASYSTEM VH-3610



The camera system comes with a wireless remote control (VH-5540) and a joystick (VH-9982). In case of application of the joystick, connect the joystick cable to the input bus on the left side of the VH-5540.

In the event of a wireless failure or poor batteries in the wireless remote-control VH-5540 (3 x AAA), the joystick can be connected straight away to the monitor. In this case connect the joystick cable to the "Remote" input at the backside of the monitor.

Set view angle:

Push the joystick to the left to adjust the camera to the rear (Tilt rear)
Push the joystick to the right to position the camera forwards (Tilt front)

Set zoom:

Press the joystick forward to zoom in (Zoom tele)
Push the joystick back to zoom out (Zoom wide)

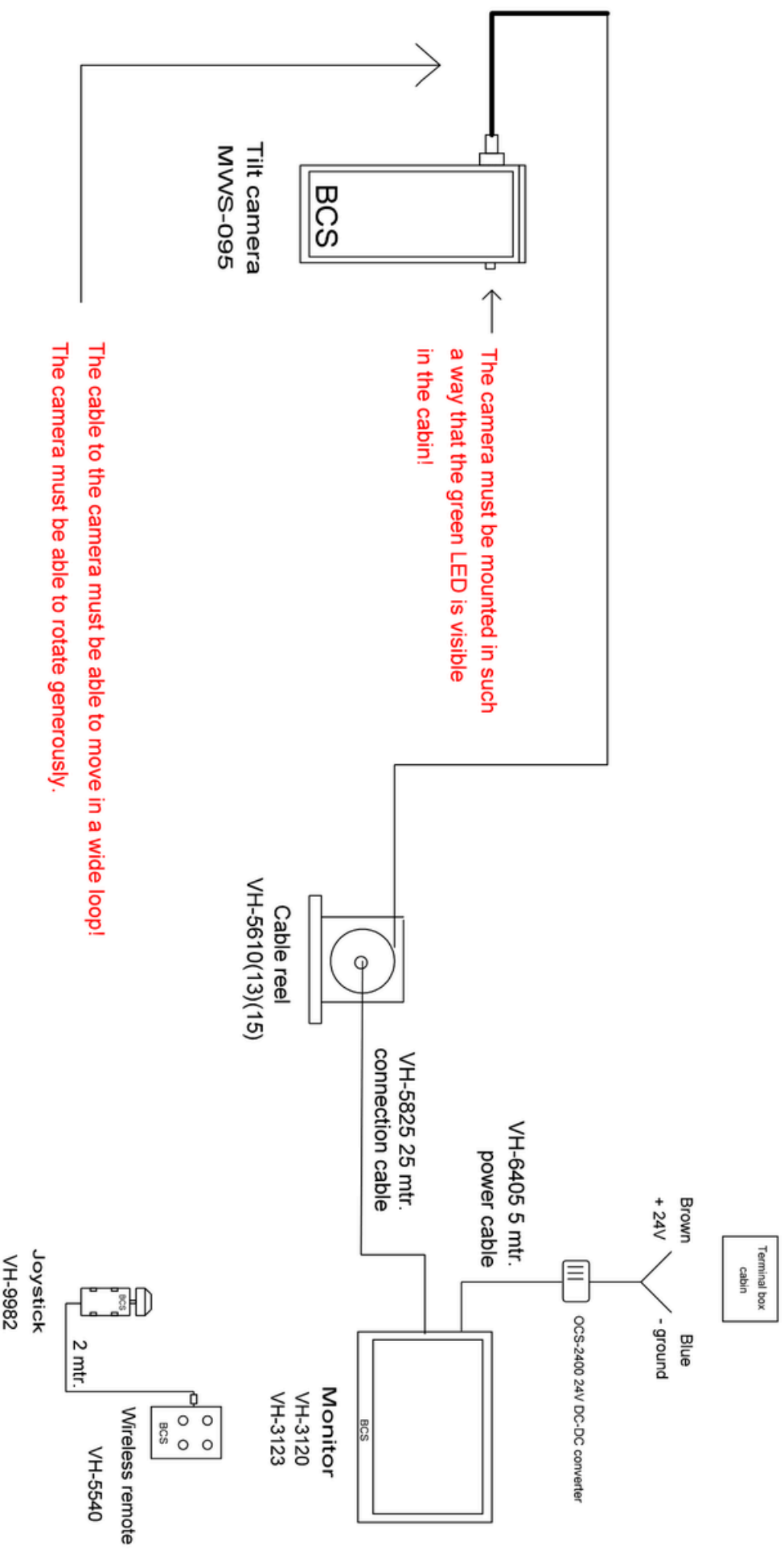
Turn on the camerasystem:

Push the joystick forward to turn the camera on (Zoom tele)

Turn off the camerasystem:

Push the joystick back 10 seconds to turn the camera off (10 sec. Zoom wide)

Only connect the 24V power supply when all other cables are connected to the monitor! Fused 3A.



The camera must be mounted in such a way that the green LED is visible in the cabin!

The cable to the camera must be able to move in a wide loop!

The camera must be able to rotate generously.

Mounting diagram
Wired tilt-camera system
VH-3610

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