

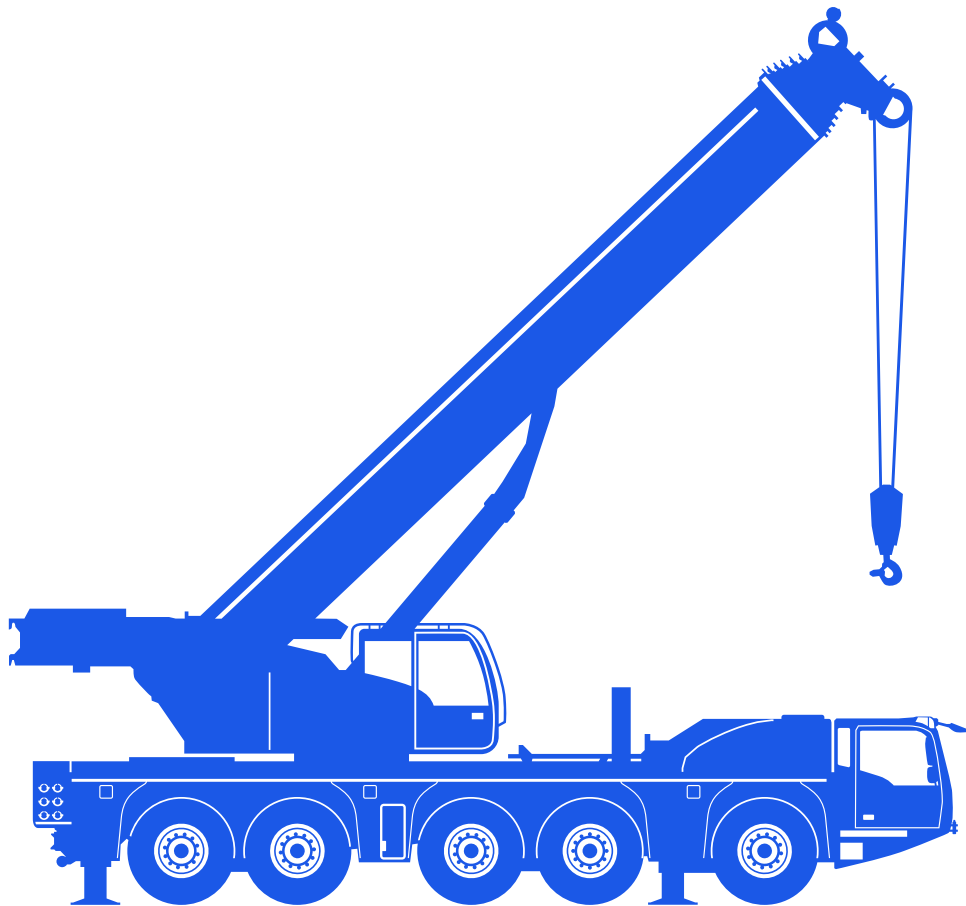


BCS CRANECAMERA

ELEVATING
SAFETY
TOGETHER

MOBILE TELESCOPIC CRANE CAMERASYSTEM | VH-3810

TROUBLESHOOTING MANUAL




For direct support:


 service@cranecamera.eu

 www.cranecamera.eu

Office:

 +31 33 466 8938

24/7 Service:

 +31 6 159 561 05

COMPONENT LIST | VH-3810

- Tilt-Camera (A)
- Video-sender (B)
- Video-receiver (C)
- Monitor (D)
- Zoom handheld (E)
- Joystick (F)



Issue:

When turning on the power in the cabin and boom head the video image on the Monitor (D) stays blue. The Camera (A) is ON (green LED =ON).

Steps:

- Dismantle the Camera (A) from the boom head.
- Turn off Monitor (D) power (disconnect power connector on backside of Monitor, or turn off cabin power supply).
- Disconnect the cable in the Video-receiver (C) in the main jib.
- Put the disconnected cable connector in the Camera.
- Turn on the cabin power and/or connect the power connector in the Monitor. Does video image work? Does the Camera Zoom/Tilt work?

If video image on the Monitor is OK and Camera Zoom/Tilt is OK; replace Video-sender and Video-receiver (is always a set of 2!), also replace the 1.5mtr. cable from Video-sender to Camera input (could be faulty too) if possible.

If Monitor video image stays blue; replace Camera.

Issue:

The video image on the Monitor (D) is working good. Zoom and Tilt functions do not work.

Steps:

- Check wireless Zoom handheld (E) connection; look inside the Monitor (D) from above, through the ventilation roster on the upper backside. There is 1 blue LED permanent ON. Press "Zoom tele" multiple times, a second blue LED must start blinking (5 times when pressed, 5 times when released) next to that LED.

If yes; re-learn the Zoom handheld (see manual). With no success replace Camera.

If no; replace batteries in Zoom handheld (3x AAA Alkaline) by removing the backplate. If no success after new batteries; connect the Joystick directly in the backside "Remote" input of the Monitor. If Zoom/Tilt now works with joystick. Replace and re-learn the new Zoom handheld (see manual).

Issue:

The Camera (A) zoom is working, but the tilt front and tilt rear functions are not working.

Steps:

- Lower the jib. When the Camera is ON, turn the Camera left or right by hand. The Camera must automatically turn back to it's original position.

If the Camera does NOT turn back to it's original position; replace Camera.

If the Camera does turn back to it's original position; replace Monitor and Zoompedal (issue could be in Monitor and/or Zoompedal!).

Issue:

The video image has a lot of interference. Zoom and Tilt functions are working.

Steps:

- Make sure the Video-sender (B) and Video-receiver (C) are in line of sight as good as possible. The video signal sent from the Video-sender is a straight signal.
- Adjust the angle of the Video-sender in the boom head up or down so the "BCS" logo on the front is as straight as possible in line with the "BCS" logo on the Video-receiver in the main jib, without anything in between.

If the video image is not better after adjustment; replace Video-sender and Video-receiver.

In all cases we advice to contact the BCS support hotline via Whatsapp, Phone or Email.

For direct support:

 service@cranecamera.eu

 www.cranecamera.eu

Office:  +31 33 466 8938

24/7 Service:  +31 6 159 561 05

Your service contact:

Edwin van Hove – Service and Support Technician
BCS CRANECAMERA