



AMETEK

A Brand New View

MOTEC DIGITAL CRANE SYSTEM

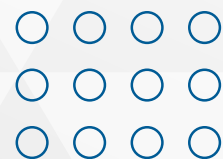
More safety and efficiency for demanding crane operations with our modular camera system solution

+ THE NEWEST TECHNOLOGY FOR YOUR CRANE BUSINESS +

Our modular and digital crane system

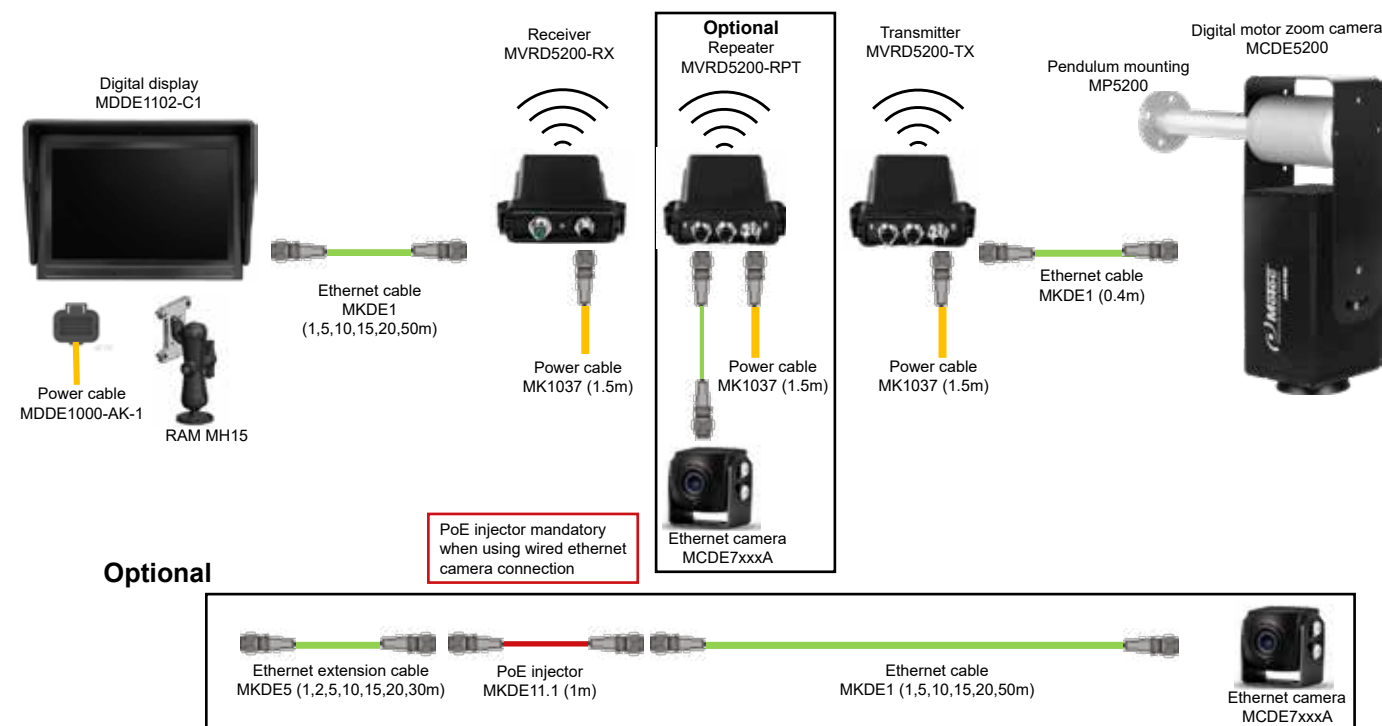
Driven by our innovative spirit and the pursuit of continuous improvement, we at Motec have developed a new digital and modular solution. Our solution opens up the possibility for the later implementation of future AI applications to sustainably solve the biggest challenges of crane operators now and in the future.

Our system is suitable for harbour cranes, crawler cranes, luffing jib cranes, mobile cranes and industrial cranes and, thanks to its modularity, can be extended by several cameras and thus individually adapted to all requirements.

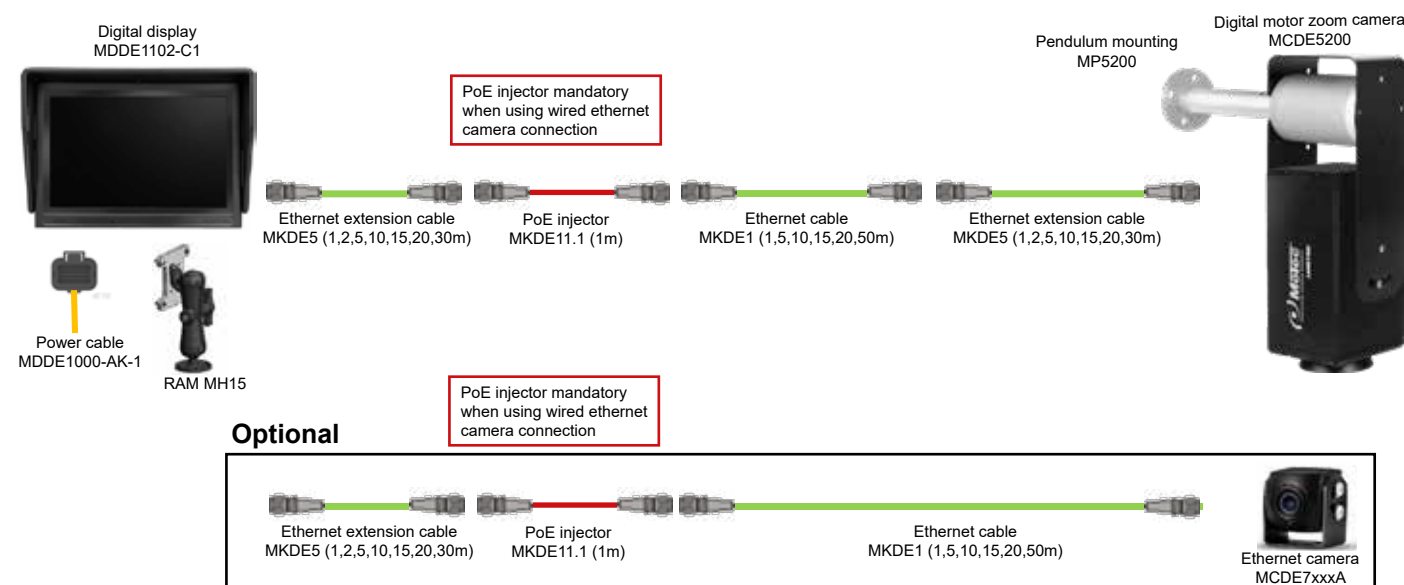


+ SETUP OF THE MAIN SYSTEM +

Wireless kit for crawler cranes & mobile cranes

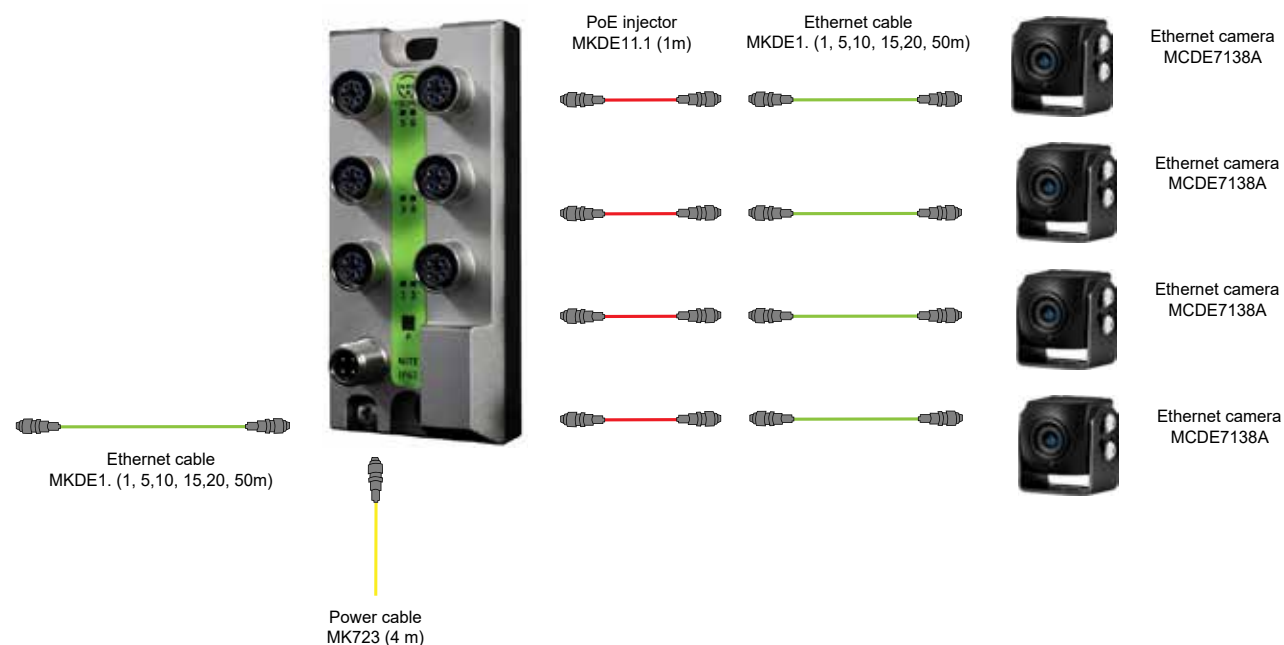


Wired kit for mobile port cranes, luffing cranes and crawler cranes

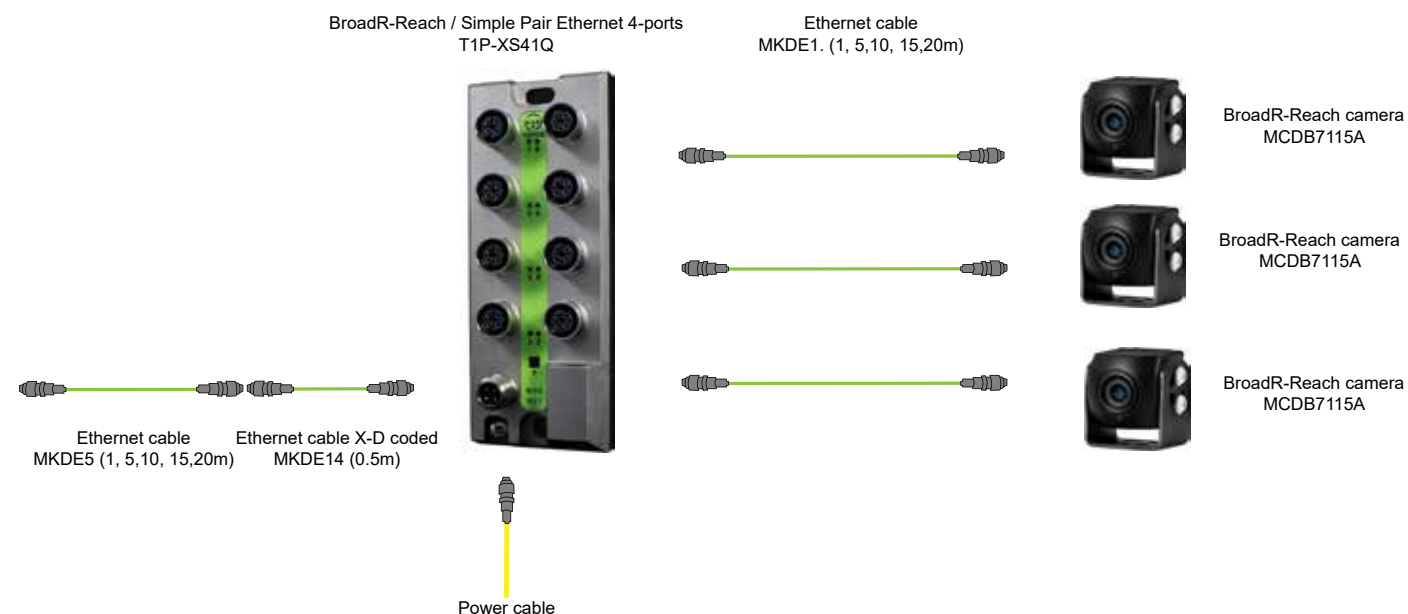


+ MODULAR SYSTEM OPTIONS +

Modular expansion example no. 1



Modular expansion example no. 2



+ THE CORE OF OUR SYSTEM +

MCDE5200 motor zoom camera

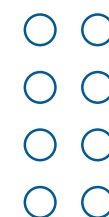


Overview

The MCDE5200 is a digital motor zoom camera specifically designed for cranes for hook and load monitoring. Advanced video module technology delivers sharp, high-contrast images and allows 36x optical zoom and 16x digital zoom. Equipped with an Ethernet interface, the MCDE5200 is suitable for use in IEEE 802.3 (LAN) networks. The Ethernet interface guarantees fast, simple and efficient control.

Features

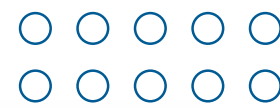
- Configurable up to Full HD resolution (1920 x 1080)
- HDR sensor (high dynamic range)
- Digital image/video transmission (up to 60 fps)
- 36 times optical zoom (and optional 16 times digital zoom)
- Screen heater
- Video output H.264 | MJPEG
- Configurable video resolution, compression rate and frame rate
- Voltage supply via PoE
- Software updates make the unit future proof
- Quality „Made in Germany“



+ EVERYTHING UNDER CONTROL +

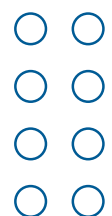
+ WIRELESSLY CONNECTED AND DEPENDABLE +

MDDE1102-C1 digital monitor



Overview

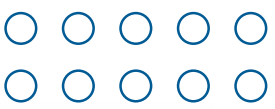
The MDDE1102 is a digital monitor used in IEEE 802.3 (LAN) networks on mobile machines as well as in industrial environments. Due to its robust electrical and mechanical design, the MDDE1102 is specially designed for use in harsh environments with high mechanical loads or environmental influences. The sophisticated and simple handling of the user interface guarantees a fast and individual configuration of the numerous functions.



Features

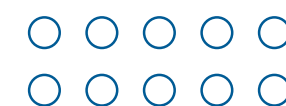
- 10" monitor (25.58 cm screen diagonal)
- Flat and compact design
- Resolution 1280 x 800 pixels
- TFT-LCD module (Thin Film Transistor Liquid Crystal Display) with a cover glass made of hardened soda-lime glass
- Connection of up to 2 cameras without switch and up to x cameras with switch
- Image dropout and freeze detection
- Automatic backlight
- Power supply 9 V...36 V DC
- Future-proof through software updates
- Software quality made in Germany

MVRD5200 digital radio system



Overview

The MVRD5200 radio system ensures the wireless transmission of up to two camera images per transmitter / repeater as well as the transmission of the control commands of a motor zoom camera.



Features

- Ethernet standard 100BASE-TX IEEE802.3af
- PoE output 48V max.12W @ MVRD5200-TX/ RPT PoE input 9...36V @ MVRD5200-RX
- TX/RPT 2nd Ethernet port Ethernet M12 D-coded female 4-pin (without PoE)
- Transmit power adjustable individually or via country selection
- Current signal strength can be displayed via monitor or online via web interface to align module
- Radio link can be extended individually via repeater

+ MORE RELIABILITY, FLEXIBILITY &

SAFETY!

+

+ Please contact us for further
information:

www.motec-cameras.com/en/contact

+

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