



Mast Camera 200 HD

BWR REFUELING MACHINE CAMERA

ahlbergcameras.com/products/systems/mast-camera-200-hd



The Mast Camera 200 HD is a high radiation tolerant Full-HD camera designed for permanent or temporary installation on a BWR refueling machine mast. It enables the machine operator to read the serial number on the upper tie plate / bail handle. It also helps the operator to view the lower tie plate / nose cone area when guiding the fuel back through the top guide. The Mast Camera 200 HD is excellent in a BWR for supervision during fuel handling and core mapping.

MORE INFORMATION ABOUT MAST CAMERA 200HD

APPLICATIONS

- Supervision during fuel handling
- Core mapping

BENEFITS

- The new Mast Camera 200 HD can easily be incorporated to existing Mast Camera systems
- Auto-positioning functions of zoom, tilt, and focus
- 4 lights aimed at fuel assembly lower end at 4-5m (13-16 ft), 2 lights aimed at gripper at 0,5-1,0m (1.6-3.3 ft)
- 10x more light sensitive than previous Mast Camera version

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	147 mm
Length	264 mm
Height	138 mm
Weight	5.8 kg
Housing material	Stainless steel EN 1.4303 anodized aluminum
Front glass material	Polycarbonate

OPTICAL FEATURES

Resolution	1080p, 25/30 fps
Zoom	x10 optical x4 digital giving x40

ENVIRONMENTAL TOLERANCES

Radiation Tolerance (dose rate)	1 000 Gy/h (100 000 rad/h)
Radiation Tolerance (total dose)	10 000 Gy (1 000 000 rad)
Maximum Operating Temperature	50°C
Water Tightness	3 bar

INTEGRATED LIGHTNING

Type	6 LED-lights
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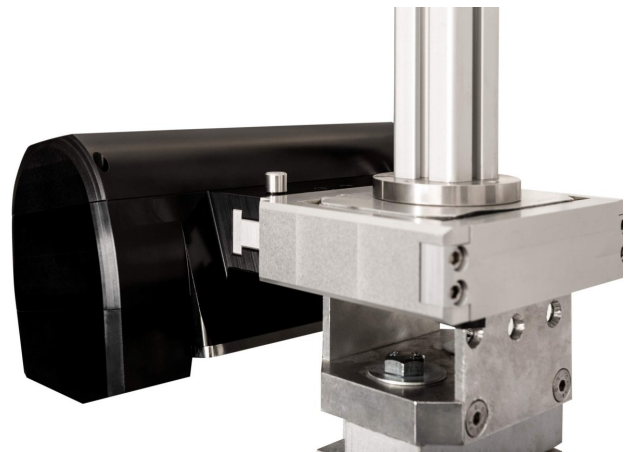
We reserve the right to alter specifications without prior notice

Output

5400 lumen

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MAST CAMERA 200 HD IMAGES



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