



MINI-RAD 30 HD

HIGH RADIATION TOLERANT MINI HD CAMERA

MINI-RAD 30 HD is a compact high radiation tolerant color camera with fixed focus. The small sized camera module inside resists 5 MRad, when shielded it can be used in environments where previously only tube cameras could be used.

APPLICATIONS

- Suitable for placement on an actuator or tool where it is used for inspection and monitoring in confined spaces
- Controlled by CCU50 which controls on/off and manual adjustment of the lights
- The CCU50 has one output to monitor (HDMI) and one power input (100-240 VAC)

BENEFITS

- Small size
- Very radiation tolerant
- The lights in the internal LED-ring can operate underwater as well as in air
- 2 channels for individual LED light control

SPECIFICATIONS

Diameter	30 mm (1,18")
Length	130-138 mm (5,1"-5,4") depending on focus distance
Weight	330 g (0,73 lbs)
Housing material	Stainless steel
Radiation tolerance (dose rate)	1 000 Gy/h (100 000 rad/h)
Radiation tolerance (total dose)	50 000 Gy (5 000 000 rad)
Maximum temperature	50°C, 122°F
Water tightness	min 3,5 bar, 50 psi
Focus	Focus manually adjusted
Resolution HD version	720p

CALCULATED VALUES FOR DIFFERENT LENS OPTIONS


Focal length	2,9 mm
Field of view air	H66° x V41°
Field of view wat.	H49.4° x V30.75°
Focal length	3,6 mm
Field of view air	H55° x V34°
Field of view wat.	H41.25° x V25.5°
Focal length	6,0 mm
Field of view air	H30° x V17°
Field of view wat.	H22.5° x V12.75°

We reserve the right to alter specifications without prior notice

MINI-RAD 30 HD IMAGES



LINKS

 English

ahlbergcameras.staging.westart.se/products/cameras/mini-rad-30-hd

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