MINI-RAD 30 HD

HIGH RADIATION TOLERANT MINI HD CAMERA

MINI-RAD 30 HD is a compact high radiation tolerant color camera. 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 camera on/off and manual adjustment of the lights

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
- Available with non-browning lens
- Mirror attachment available

SPECIFICATIONS

Diameter	30 mm (1,18")
Length	130-139 mm (5,1"-5,5"), 158-167 mm (6,2-6,6") with mirror
Weight	330g (0,7 lbs), 430g (1,0 lbs) with mirror
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
Resolution HD version	720p
Focus	Focus manually adjusted

CALCULATED VALUES FOR DIFFERENT LENS OPTIONS

Focal length	2,9 mm (not compatible with mirror)
Field of view in air	H71° x V43°
Field of view in water	H53° x V32°
Focal length	3,6 mm (not compatible with mirror)
Field of view in air	H57° x V34°
Field of view in water	H43° x V26°
Focal length	4,0 mm
Field of view in air	H52° x V31°

We reserve the right to alter specifications without prior notice

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Field of view in water	H39° x V23°
Focal length	6,0 mm
Field of view in air	H34° x V21°
Field of view in water	H26° x V16°
Focal length	8,0 mm
Field of view in air	H26° x V16°
Field of view in water	H20° x V12°
Focal length, non-browning lens	5,0 mm
Field of view in air	H41° x V25°
Field of view in water	H30° x V18°

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MINI-RAD 30 HD IMAGES

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