



MINI-RAD F30 HD M

HIGH RADIATION-TOLERANT MINI HD CAMERA WITH MOTORIZED FOCUS AND MIRROR

The Mini-Rad F30 HD M is a compact high radiation-tolerant color camera with motorized focus. The mirror attachment enables inspection inside tubes and other narrow spaces.

APPLICATIONS

- Suitable for placement on an actuator or tool used for inspection and monitoring of confined spaces
- Controlled by the CCU50 which controls camera on/off, focus and manual adjustments of the lights

BENEFITS

- Small size
- Very radiation tolerant
- Motorized focus
- The lights beside the mirror can operate underwater as well as in air
- 2 channels for individual LED light control

SPECIFICATIONS

Diameter	30 mm (1.18")
Length	166 mm (6.50")
Weight	500 g (1.2 lbs)
Housing material	Stainless steel
Radiation tolerance (dose rate)	1 000 Gy/h (100 000 rad/h)
Radiation tolerance (total dose)	49 000 Gy (4 900 000 rad)
Resolution HD version	720p
Maximum temperature	50°C, 122°F
Water tightness	min 3.5 bar, 50 psi
IP classification	IP68
Lights	LED, 2 channels x 4 lights, 800 lm, 4500 K

CALCULATED VALUES FOR DIFFERENT LENS OPTIONS

Focal length	4.0 mm
Field of view in air	H52° x V31°
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

We reserve the right to alter specifications without prior notice

Field of view in air	H26° x V15°
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 F30 HD M IMAGES



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