



# MINI-RAD F30 HD SM

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

The Mini-Rad F30 HD SM is a very high radiation-tolerant camera with a mirror in front of the lens that allows use close to fuel. This color HD camera can be used in environments where previously only tube cameras could be used.

## APPLICATIONS

- For use close to nuclear fuel
- To be placed on a tool or hung from its cable
- Controlled by the CCU50 which controls on/off and manual adjustment of the lights

## BENEFITS

- Very radiation tolerant
- Motorized focus
- Non-browning lens
- The lights can operate underwater as well as in air
- 2 channels for individual LED light control

## SPECIFICATIONS

Diameter	59.5 mm (2.3")
Length	190 mm (7.4")
Weight	5.5 kg (12.1 lbs)
Housing material	Stainless steel, and tungsten over molded with PUR
Radiation tolerance (dose rate)	2 000 Gy/h (200 000 rad/h)
Radiation tolerance (total dose)	100 000 Gy (10 000 000 rad)
Resolution HD version	720p
Maximum temperature	50°C, 122°F
Water tightness	min 3.5 bar, 50 psi
IP classification	IP68
Focal length	5.0mm
Field of view in air	H41° x V25°
Field of view in water	H30° x V18°
Lights	LED, 2 channels x 4 lights, 800 lm, 4500 K

*We reserve the right to alter specifications without prior notice*

## MINI-RAD F30 HD SM IMAGES



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