



HI-RAD XS

EXTRA SMALL HD PTZ CAMERA

The Hi-Rad XS is a small camera with x10 times optical zoom and built-in pan and tilt functions. Thanks to its small size, it is well suited for irradiated areas with limited space.

APPLICATIONS

- G1-G2 versions for use underwater only. G3 version for use in air or underwater
- For inspections where superior color rendition and high definition resolution is needed, e.g. fuel inspections and inspection of internal parts
- For inspections of large surfaces where frequent auto re-focusing is required, e.g. at core mapping
- Ideal for use in high radiation areas with limited space

BENEFITS

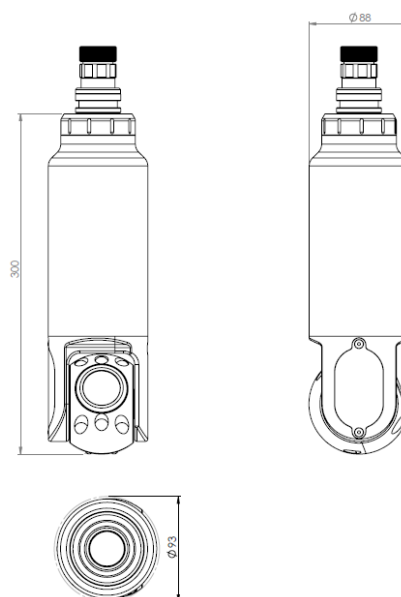
- Auto-focus and auto-iris
- Superior color rendition and high definition image
- Powerful LED lighting
- Also available in SD video version

SPECIFICATIONS

Diameter	88 mm to 93 mm (3.46" to 3.65") depending on tilt angle
Length	345 mm (13.6")
Weight	3.8 kg (8.4 lbs)
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316, anodized aluminum
Radiation tolerance (dose rate)	500 Gy/h (50 000 rad/h)
Radiation tolerance (total dose)	1 200 Gy (120 000 rad)
Maximum temperature	50°C (short-term up to 70°C) 122°F (short-term up to 158°F)
Water tightness	min 3.5 bar (50 psi), underwater versions
Ingress protection	IP68, for the underwater and air version
Zoom	x100 (x10 optical, x10 digital)
Minimum distance to object	5 mm (0.20")
HD horizontal angle of view	~5°-50°
Resolution HD version	720p
Lights	HI-RAD XS G2: 2x2 LED lights, in total 3600 lumen, 120° beam angle
Lights	HI-RAD XS G3: 2x3 LED lights, in total 7200 lumen, 46° beam angle
Pan angle	360° (endless rotation)
Tilt angle	±135° (from the vertical plane)

We reserve the right to alter specifications without prior notice

HI-RAD XS IMAGES



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