



HI-RAD S

SMALL HD PTZ CAMERA

The Hi-Rad S is a small 720p HD color camera developed from its popular predecessor MRAD S. It has built-in pan and tilt functions, x10 optical zoom and is used for underwater inspections in irradiated areas where superior color rendition and high definition resolution is needed.

APPLICATIONS

- For inspections where superior color rendition and high definition resolution is needed, e.g. fuel inspections and inspection of internal parts
- Ideal for inspection of large surfaces where frequent auto re-focusing is required, e.g. at core mapping

BENEFITS

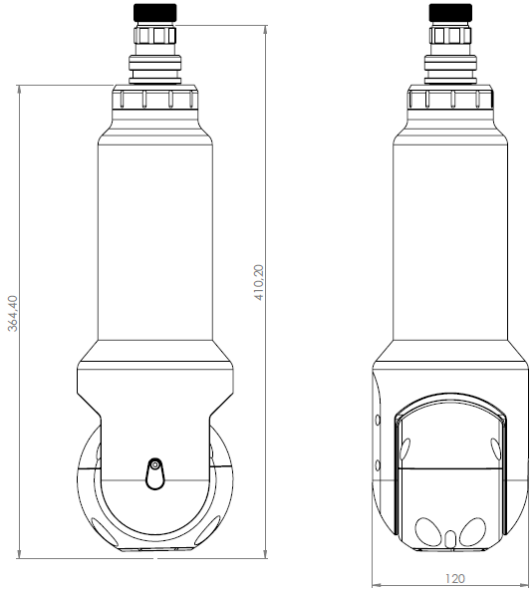
- Auto-focus and auto-iris
- Superior color rendition and high definition image
- Lens converters are available to further improve its close-range focusing excellence
- Available in SD video version
- Powerful LED lighting

SPECIFICATIONS

Width	120 mm (4,72")
Length	409 mm (16,1")
Weight	6,8 kg (15 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)	2 700 Gy (270 000 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)
Zoom	x100 (x10 optical, x10 digital)
Minimum distance to object	5 mm (0,20")
SD horizontal angle of view	~5°-36°
HD horizontal angle of view	~5°-50°
Resolution SD version	720 TV-lines
Resolution HD version	720p
Lights	4 LED-lights, in total 3600 lumen, 38° beam angle
Pan angle	360° (endless rotation)
Tilt angle	±142° (from the vertical plane)

We reserve the right to alter specifications without prior notice

HI-RAD S IMAGES



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