



HI-RAD S

SMALL HD PTZ CAMERA

ahlbergcameras.com/products/cameras/hi-rad-s



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.

MORE INFORMATION ABOUT HI-RAD S

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

PHYSICAL CHARACTERISTICS

Width	120 mm
Length	409 mm
Weight	6.8 kg
Underwater weight	
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316, Anodized Aluminum
Front glass material	Polycarbonate

OPTICAL FEATURES

Resolution	720p
Zoom	x100 (x10 optical, x10 digital)
Horizontal Angle View	~5°-50°

MECHANICAL FEATURES

Pan Angle	360°
Tilt Angle	±142°

ENVIRONMENTAL TOLERANCES

Radiation Tolerance (dose rate)	500 Gy/h (50 000 rad/h)
Radiation Tolerance (total dose)	2 700 Gy (270 000 rad)

We reserve the right to alter specifications without prior notice

Maximum Operating Temperature	50°C
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Water Tightness	min 3.5 bar
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INTEGRATED LIGHTNING

Type	4 LED-lights
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Output	3600 lumen
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Beam Angle	38°
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HI-RAD S IMAGES



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