



I.I.S.

HI-RAD XS



HI-RAD XS

EXTRA SMALL HD PTZ-CAMERA

The HI-RAD XS is an extra small 720p HD PTZ color camera. It has x10 optical zoom and built-in pan & tilt functions. HI-RAD XS is used for inspections where superior color rendition and High Definition resolution is needed. Thanks to its small size it is ideal for use in high radiation areas with limited space

Applications

- 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
- Can be used in air or under water
- Also available in SD video version

Innovative Industrial Solutions, Inc.

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www.i-i-s.net

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Diameter	3.65"
Lenth	13.91"
Weight in Air	8.4 lbs
Housing	Stainless Steel EN 1.4301/EN 1.4436, AISI 304/AISI 316, anodized aluminum
Max Temp.	122°F (Short Term up to 158°F)
Watertight to	Min 3, 5 bar (50 PSI)
Zoom	X100 (x10 optical, 10x digital)
SD horizontal angle of view	~5°-36°
HD horizontal angle of view	~5°-50°
Minimum distance to object	5mm (0,20")
Resolution SD Version	720 TV-lines
Resolution HD version	720x1280 progressive scan
Lights	4x8W LED
Radiation tolerance (dose rate)	up to 1×10^2 Gy/h (1×10^4 rad/h)
Radiation tolerance (total dose)	up to $1,5 \times 10$ Gy ($1,5 \times 10^3$ Gy ($1,5 \times 10^5$ rad)
Pan angle	360° endless rotation
Tilt angle	$\pm 135^\circ$ (from vertical plane)

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