N35HR

UNDERWATER MONOCHROME TUBE CAME

ahlbergcameras.com/products/cameras/n35hr

The N35HR is a monochrome tube B/W camera designed for inspections in areas with very high radiation. The camera has a non-browning lens that withstands high radiation without having its optical performance reduced.

MORE INFORMATION

Ideal for inspections of high radiation parts of reactor vessels and internal parts in reactors For special inspection of high-radiation areas with very limited access For surveillance during fuel assembly examinations Must be controlled by Ahlberg CCU35 or PIS35 control unit

APPLICATIONS

- Ideal for inspections of high radiation parts of reactor vessels and internal parts in reactors
- For special inspection of high-radiation areas with very limited access
- For surveillance during fuel assembly examinations
- Must be controlled by Ahlberg CCU35 or PIS35 control unit

BENEFITS

- Small size
- High radiation tolerant
- The lights in the internal LED-ring can operate underwater as well as in air

BENEFITS

- Can be operated while suspended by cable only
- Remotely controlled LED intensity
- Temperature tolerant
- Made for both underwater and CCTV usages

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	41.5 mm with fixed focus or x3 zoom lens, 80 mm with x6 or x10 zoom lens
Length	320 mm with fixed focus or x3 zoom, 380 mm with x6 or x10 zoom
Weight	3.1 kg
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316
Front glass material	Polycarbonat

OPTICAL FEATURES

Resolution SD	650 TV-lines
Zoom	Fixed focus, x3, x6 or x10 optical zoom

ENVIRONMENTAL TOLERANCES

Radiation Tolerance (dose rate)	10 000 Gy/h (1 000 000 rad/h)
Radiation Tolerance (total dose)	1 600 000 Gy (160 000 000 rad)
Maximum Operating Temperature	50°C short-term up to 60°C
Water Tightness	min 3.5 bar

INTEGRATED LIGHTNING

Type	Internal LED-lights

We reserve the right to alter specifications without prior notice

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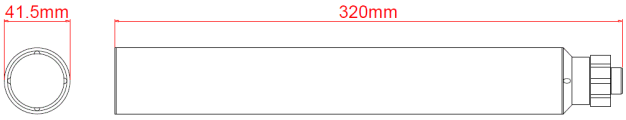
N35HR IMAGES



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