



# N35HR

## UNDERWATER MONOCHROME TUBE CAMERA

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 getting its optical performance decreased.

### APPLICATIONS

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

### BENEFITS

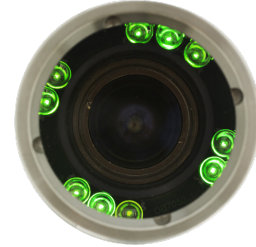
- Temperature tolerant
- Made for both for underwater and CCTV usage
- Available with Chalnicon or Vidicon camera tube

### SPECIFICATIONS

Diameter	35 mm, 41,5 mm with zoom lens and/or internal lights (1.37", 1.63" with zoom lens and/or internal lights)
Length	320 mm (10.6")
Weight	1,0 kg, 1,2 kg with zoom lens (2.2 lbs, 2.6 lbs)
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316
Radiation tolerance (dose rate)	30 000 Gy/h (3 000 000 rad/h)
Radiation tolerance (total dose)	2 000 000 Gy (200 000 000 rad)
Radiation tolerance neutrons	Very high
Maximum temperature	50°C (122°F) short term up to 60°C (140°F)
Water tightness	min 3,5 bar (50 psi)
Zoom	x3 or x6 optical zoom
Minimum distance to object	5 mm (0.20")
Resolution SD version	650 TV-lines
Lights	Internal LED lights

*We reserve the right to alter specifications without prior notice*

## N35HR IMAGES




41.5mm



320mm



## LINKS

 English

[ahlbergcameras.staging.westart.se/products/cameras/n35hr](https://ahlbergcameras.staging.westart.se/products/cameras/n35hr)

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