



N66HR

HIGH RADIATION TOLERANT UNDERWATER OR IN AIR MONOCHROME TUBE CAMERA

ahlbergs.staging.westart.se/products/cameras/n66hr



The N66HR is a monochrome tube B/W camera designed for inspections of areas with very high radiation. Specially engineered for seamless compatibility with our CCU200 and PIS200 systems

MORE INFORMATION ABOUT N66HR

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

BENEFITS

- Small size
- High radiation tolerant
- The lights in the internal LED-ring can operate underwater as well as in air
- Can be operated while suspended by cable only

BENEFITS

- Remotely controlled LED intensity
- Temperature tolerant
- Can be controlled by Ahlberg CCU200 and PIS200 control units
- Made for both underwater and CCTV usages

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	65 mm, 85mm with x6 and x10 zoom lens
Length	320 mm
Weight	1 kg, 2 kg with zoom lens (2.2 lbs, 4.4 lbs)
Housing material	Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316
Front glass material	Polycarbonat

OPTICAL FEATURES

Resolution SD	700 TV-lines
Zoom	x3, x6 or x10 optical available as option

ENVIRONMENTAL TOLERANCES

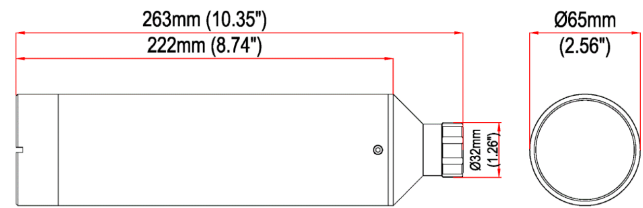
Radiation Tolerance (dose rate)	10 000 Gy/h (1 000 000 rad/h)
Radiation Tolerance (total dose)	700 000 Gy (70 000 000 rad)
Maximum Operating Temperature	50°C
Water Tightness	min 3.5 bar

INTEGRATED LIGHTNING

Type	Internal LED-lights
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We reserve the right to alter specifications without prior notice

N66HR IMAGES



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