



N35HR

CCTV 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 having its optical performance reduced. N35HR is a reliable camera for both single-camera applications and for CCTV networks.

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 units

BENEFITS

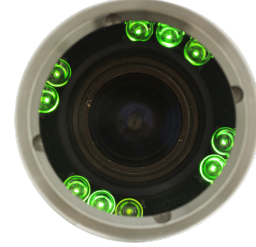
- Temperature tolerant
- Made for both underwater and CCTV usage
- Available with Vidicon or Newicon camera tube

SPECIFICATIONS

| | |
|----------------------------------|--|
| Weight | 1.0 kg with fixed focus, 1.2 kg with zoom lens |
| Diameter | 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 |
| Housing material | Stainless steel EN 1.4301/EN 1.4436, AISI 304/AISI 316 |
| 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) |
| Radiation tolerance neutrons | Very high |
| Maximum temperature | 50°C, short-term up to 60°C |
| Water tightness | min 3.5 bar (50 psi) |
| Zoom | Fixed focus, x3, x6 or x10 optical zoom |
| Minimum distance to object | 15 mm |
| 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



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