

CCTV129

TEMPERATURE AND NEUTRON TOLERANT CCTV CAMERA

The CCTV129 is designed for operation in areas with medium/high levels of gamma and neutron radiation. The camera features an internal cooling system in order to handle the high temperatures in the RCP areas where it is usually installed.



APPLICATIONS

- Designed for areas with medium-high levels of gamma and neutron radiation
- Typically placed in the Reactor Coolant Pump area in a PWR

BENEFITS

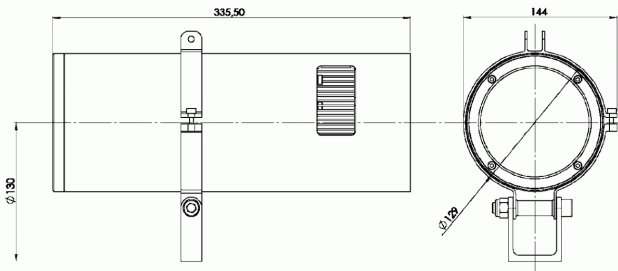
- Auto-focus and auto-iris
- Medium neutron shielding
- Easy maintenance
- Designed to handle high ambient temperatures

SPECIFICATIONS

| | |
|----------------------------------|-------------------------------------|
| Diameter | 129 mm (5.1") |
| Length | 335 mm (13.2") |
| Weight | 13.5 kg (29.7 lbs) |
| Housing material | Stainless steel EN 1.4301 |
| Radiation tolerance (dose rate) | 500 Gy/h (50 000 rad/h) |
| Radiation tolerance (total dose) | 5 000 Gy (500 000 rad) |
| Radiation tolerance neutrons | Medium |
| Maximum temperature | 55°C (131°F) |
| Cooling | Peltier elements |
| Protection class | IP65 |
| Zoom | x10 optical x10 digital giving x100 |
| SD horizontal angle of view | 36° (wide end), 5.1° (tele end) |
| Resolution SD version | 720 TV-lines |

We reserve the right to alter specifications without prior notice

CCTV129 IMAGES



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