

CCTV129

HIGH TEMPERATURE GAMMA AND NEUTRON TOLERANT
CCTV CAMERA

ahlbergs.staging.westart.se/products/cctv-cameras/cctv129



The CCTV129 is designed for operation in areas with medium and high levels of gamma and neutron radiation. The camera features an internal active cooling system for enduring high temperatures such as in RCP areas where it's usually installed.

MORE INFORMATION ABOUT CCTV129

APPLICATIONS

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

BENEFITS

- Auto-focus and auto-iris
- Gamma and neutron-protection
- Easy maintenance
- Active cooling for high ambient temperatures
- Available in SD/HD video versions

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Width	129 mm
Length	335 mm
Weight	13.5 kg
Housing material	Stainless steel EN 1.4301

OPTICAL FEATURES

Resolution SD	720 TV-lines
Zoom	x100 (x10 optical, x10 digital)
Horizontal Angle View SD	36° (wide end), 5.1° (tele end)

ENVIRONMENTAL TOLERANCES

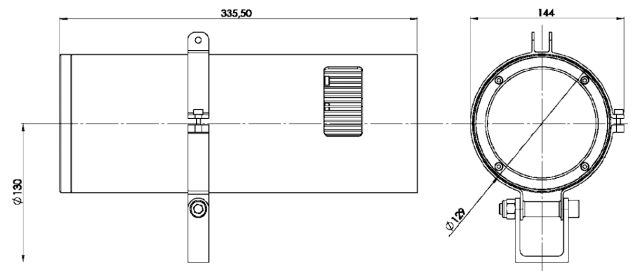
Radiation Tolerance (dose rate)	500 Gy/h (50 000 rad/h)
Radiation Tolerance (total dose)	5 000 Gy (500 000 rad)
Maximum Operating Temperature	55°C

COOLING

Cooling type	Peltier elements
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We reserve the right to alter specifications without prior notice

CCTV129 IMAGES



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