



# **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

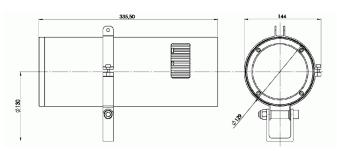
We reserve the right to alter specifications without prior notice



## **CCTV129 IMAGES**







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