CCTV95

HIGH TEMPERATURE GAMMA AND NEUTRON TOLERANT CCTV CAMERA

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The CCTV95 is designed for areas with high levels of temperature. gamma and neutron radiation. A typical surveillance area is the steam generator boxes of VVER reactors. The camera features an internal cooling system for handling high temperatures and humidity in the containment during a potential loss of cooling accident (LOCA).

MORE INFORMATION ABOUT CCTV95

APPLICATIONS

- CCTV camera for nuclear plant areas with high levels of temperature, gamma and neutron radiation
- Surveillance of containment or drywell where possible high temperature is handled by the camera´s internal cooling system

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	217 mm
Length	272 mm
Height	364 mm
Weight	41.1 kg
Housing material	Stainless steel EN 1.4301
Front glass material	Polycarbonat

OPTICAL FEATURES

Resolution SD	720 TV-lines
Zoom	x100 (x10 optical, x10 digital)
Horizontal Angle View SD	37.5° (wide end), 4° (tele end)

ENVIRONMENTAL TOLERANCES

Radiation Tolerance (dose rate)	1 800 Gy/h (180 000 rad/h)
Radiation Tolerance (total dose)	18 000 Gy (1 800 000 rad)
Maximum Operating Temperature	60°C, 90°C for 5h

COOLING

Cooling type	Peltier elements

We reserve the right to alter specifications without prior notice

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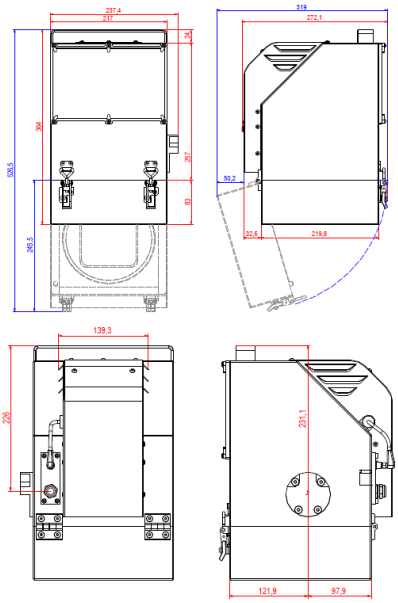
CCTV95 IMAGES



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