AHLBERG CAMERAS

LATEST IN NUCLEAR VISUAL INSPECTION
AND SURVEILLANCE TECHNOLOGY

N129Z

RADIATION HARDENED COLOR CCTV CAMERA

The N129Z is a radiation hardened CCTV color camera for use in air. It is special designed for areas with medium-high levels of gamma and neutron radiation. The camera features an active cooling system in order to handle the high temperature in the RCP area where the N129Z usually is placed.

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

TECHNICAL DATA

Diameter	153 mm (6,03")
Length	321 mm (12,65")
Weight (in air)	13,5 kg, 29,7 lbs
Housing material	Stainless steel EN 1.4301
Maximum temperature	55°C 131°F
Protection class	IP65
Zoom	x10 optical x10 digital giving x100
Horizontal angle of view in air	36° (wide end), 5.1° (tele end)
Resolution	720 TV-lines
Radiation tolerance (dose rate) gamma	up to $5*10^2$ Gy/h $5*10^4$ rad/h
Radiation tolerance (total dose) gamma	10^4 Gy 10^6 rad
Radiation tolerance neutrons	Medium

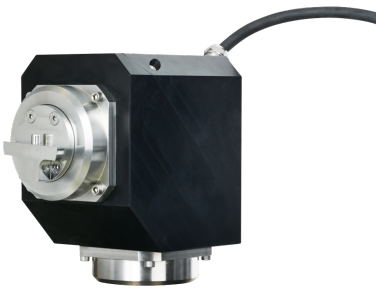
We reserve the right to alter specifications without prior notice.

Main office | Phone: +46 176 20 55 00
Email: main@ahlbergcameras.com

US office | Phone: +1 910-399-424
Email: us@ahlbergcameras.com

R&D office | Phone: +46 176 20 55 00
Email: rd@ahlbergcameras.com

IMAGES



We reserve the right to alter specifications without prior notice.

Main office | Phone: +46 176 20 55 00
Email: main@ahlbergcameras.com

US office | Phone: +1 910-399-424
Email: us@ahlbergcameras.com

R&D office | Phone: +46 176 20 55 00
Email: rd@ahlbergcameras.com