

Dekra VT RC2 Inspection Camera



VT RC2 is a compact, radiation resistant black & white video camera in an aluminium housing. Its CMOS sensor is extremely robust and ideal in harsh environments.

Spectis⁺
Robotics

Inspections and monitoring in radioactive environments with alpha, beta and gamma radiation

Visual inspections in nuclear environments

Medical and industrial X-ray applications

Research applications

Robust black and white CMOS sensor

Underwater applications (additional housing required)

Flexible choice of various lenses, also radiation resistant

Specification

- > Housing: Aluminium
- > Dimensions: 80 x 43.5 x 43.5 mm (LxWxH) 80 x 43.5 x 43.5 mm without lens or flange socket
- > Weight: 0,2 kg
- > Resolution: 586 x 440 pixels / 440 TVL horizontal
- > Video out: B/W Composite
- > Image sensor: CMOS APS / ROI for 2/3" with AGC
- > Lens: various lenses available / C-mount with 10 mm adapter
- > Sensitivity: 0.4 lux S/N = 12 dB
- > Zoom: manually adjustable zoom
- > Angle of view: depends on lens
- > Focus: manual
- > Pan-Tilt range: n/a
- > Lighting: n/a, can be adapted
- > Operating temperature: 0 - 50 °C
- > Depth rating: dependant on housing
- > Radiation tolerance: 70 kGy max.cumulative / 2 K Gy / h / 500 Gy / h / 100 Gy / h EDL for inspection work



Images shown may not be an exact representation of the features listed.

Spectis Robotics Ltd
Unit 3, Crombie House, Grandholm Village
Bridge of Don, Aberdeen, Scotland, AB22 8BD

+44 1224 701444
info@spectisrobotics.com
spectisrobotics.com

World-leading
Robotic Crawlers and
Camera Systems