

Dekra

# VT XLRAD-10PTZ Inspection Camera



Compact high radiation resistant  
PTZ camera with 10x optical  
zoom and built-in lighting

**Spectis**<sup>!</sup>  
Robotics

Fuel assembly inspection and repairs

Reactor pressure vessels and internals

Core inspection and handling fuel element shipping container

Hot cell applications

Monitoring refuelling processes

Robust and modular design

Zoom lens 10x optical non-browning zoom lens

Radiation resistance up to  $1 \times 10^8$  rad

Integrated LED lighting

Depth rating: 5 bar/50m

## Specification

- > Material: Anodised aluminium
- > Image sensor: Vidicon tube
- > Video output: B/W composite
- > Zoom: 10 x optical non-browning
- > Resolution: 600 lines (horizontal)
- > Lens: 12 to 120 mm f/3.6 ND Zoom Lens 2/3"
- > Focus: Manual
- > Iris: Manual
- > Pan / tilt range: Infinite
- > Illumination: 4 x 20W LED
- > Dimensions: 302 x 131 mm (minimum length x width)
- > Diameter: 149 mm
- > Weight: approx. 4.6 kg aluminium
- > Temperature: 0 - 60 °C
- > Depth rating: 5 bar/50m
- > Radiation resistance:  $1 \times 10^5$  rad up to  $1 \times 10^8$  rad (cumulative / total dose rate)

## Options and Upgrades

### Control units

VT 300-3 CU 19" Rackmount / Standalone control unit

VT 6360 CU Full-HD Pelicase control unit with 22" monitor and SSD recorder

### Deployment tools

Carbon poles - Sealed wired and non-wired carbon poles in various lengths for easy deployment of camera system

Manipulators and holders - Various tripods, holders and mounting units available

### Lighting

Additional lighting - Various additional lighting sources available - for increased

Illumination of objects and surrounding inspection area

### Cables

Cable reels - Various cable reels with adaptable cable lengths available, motor driven option.

Single cable - Single cable for fast and flexible connection, various lengths.



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