

Dekra VT40 PTZ Inspection Camera



Watertight colour camera with 10:1 optical zoom. Equipped with Pan-Tilt function, integrated LED lighting and extended camera functions makes it ideal for all inspections in nuclear environments.

Spectis[!]
Robotics

All underwater inspections and monitoring applications in hard to reach areas

Nuclear applications - e.g. pressure vessel inspections

Industrial applications - e.g. deep well

Decommissioning applications - e.g. pipe and tank inspections

Robust and compact design

Zoom 10x optical / 12x digital

High-resolution camera for detailed pictures

Integrated LED lighting

Pan and tilt

Depth rating: 5 bar/50m

Specification

- > Housing: Aluminium anodised
- > Dimensions: L x D 225 x 70 mm
- > Image sensor: 1/4" EXview HAD IT CCD / 530 lines horizontal
- > Video out: S-Video/composite colour - PAL/NTSC
- > Zoom: 10x optical / 12x digital
- > Angle of view: 46° - 4.6° hor.
- > Focus: Automatic or manual
- > Iris / Brightness: Automatic or manual
- > Pan-Tilt range: infinite / 270° with feedback encoder
- > Lighting: LED ring 9 x 3W LED
- > Weight: 1,55 kg
- > Operating temperature: 0 - 50 °C
- > Depth rating: 5 bar/50m
- > Radiation tolerance / resistance: 1500 rad/h (15Gy/h) / Total 25000 rad (250 Gy)

Options and Upgrades

Control units

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

VT 315 M CU - Mobile control unit with integrated monitor in PeliCase

VT 780 FB - Robust remote control for all camera features

Deployment tools

ROV - VT 100 DAR

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 if needed

Single cable - Single cable for fast and flexible deployment, various lengths



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