DEKRA

VT 360 PT HD SW - FullHD seawater resistant camera

Watertight Full HD camera with pan and tilt function and integrated lighting
Integrated 2D/3D noise reduction and visibilty enhancer with de-fog feature

Applications and features

Applications

- Specially designed for offshore applications - inspections of moonpool, tanks, keels
- All underwater inspections and monitoring applications
- Nuclear applications (refueling - offloading - maintenance)
- Industrial applications
- Decommissioning applications

Features

- Robust and modular design ➔ seawater resistant anodized aluminium
- Zoom lens 30x optical / 12x digital
- 1080p/50 Full-HD resolution
- 2D/3D Noise reduction and visibility enhancer with de-fog feature
- Radiation tolerant
- Integrated LED lighting
- Watertight up to 50 m

VT 360 PT HD with stainless steel body

VT 360 PT HD with stainless steel body with additional VT 200 LED bars

Watertight Full HD color camera with 30:1 optical zoom. Equipped with Pan-Tilt function , integrated LED lighting and extended camera functions makes it ideal for all inspections in nuclear technology. The stainless steel body it fully resistant against agressive chemicals and seawater.

VT 360 PT HD with anodized aluminium body

VT 360 PT HD with aluminium body

Watertight Full HD color camera with 30:1 optical zoom. Equipped with Pan-Tilt function , integrated LED lighting and extended camera functions makes it ideal for all inspections in nuclear technology. The lightweight aluminium body is resistant againts most chemicals contained in radioactive wastewater.

VT 360 PT HD with stainless steel body and protectors

Camera protectors

Stainless steel protectors for VT 72 - VT 300 and VT 120/360 PT HD camera series. Recommended when used in environments where rough handling cannot be avoided.

Technical data - VT 360 PT HD SW

Material	Seawater resistant aluminium / stainless steel / anodized aluminium
Image sensor	Full HD 1080p/50 / 2.38 Megapixels
Video output	Y/Pb/Pr
Zoom	30x optical / 12x digital
Field of vision	63.1° wide end - 2.3° tele end
Focus	Auto or manual
Pan / tilt range	Infinite / 220°
Illumination	4 x 20W LED
Dimensions	246,5 x 117 x 113,3 mm (H x W x D)
Diameter	128 mm
Weight	approx. 5 kg stainless steel / approx. 3 kg aluminium
Temperature	0 – 60 °C
Pressure water tight	5 bar
Radiation resistance	1500 rad/h (15Gy/h) / Total 25000 rad (250 Gy)

Accessories

Protector	Camera protector
Laser module	Laser module for measuement applications (aluminium body only)

Related / compatible products

Control units

VT 300-3 CU	19"-Rackmount / Standalone control unit
VT 310 M CU	Mobile control unit with integrated monitor in PeliCase
VT 6360 CU	Full-HD Pelicase control unit with 22" monitor and SSD recorder

Software

Measurement SW	VIAS Laser measurement software for documentation purposes available only with laser module (aluminium body only)

Deployment tools

Carbon poles	Sealed wired and non-wired carbon poles in various lenghts for easy deploment 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 lenghts available, motor-driven if needed
Single cable	Single cable for fast and flexible cabling, various lenghts

Related products and accessories

Control unit VT 6360 CU
Compact control unit in watertight PeliCase with integrated monitor, text inserter and SSD recorder

Control unit VT 300-3 CU
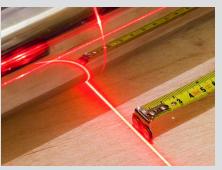Rack mountable or standalone control unit in 19-inch case for VT 72, VT 300 andVT 120/360 PT HD camera series

Laser module
Laser generator to display reference lines for measurement software (available only with aluminium body)

VIAS - Measurement software
Software to calculate leghts of inspected objects, e.g. scratches (alu body only)

VICOS text overlay system
Video text inserter with a wide functionality range for professional applications

VT 72 SKT HD cable reel
Reel equipped with kevlar reinforced cable

Carbon poles - wired
Wired carbon poles for deployment of cameras and tools

Camera protectors
Aluminium protectors to protect camera body in rough environments