# VT 60 PTZC HD camera system brochure

## VT 60 PTZC HD inspection camera

**Radiation resistant & watertight FullHD camera with integrated dimmable lighting, pan and tilt function, with slipping clutch and zoom function**

### Applications

- All underwater inspections and monitoring applications in hard to reach areas
- Nuclear applications (refueling - offloading - maintenance)
- Industrial applications (offshore or deep well inspections)
- Decommissioning applications (pipe and tank inspections)

### Features

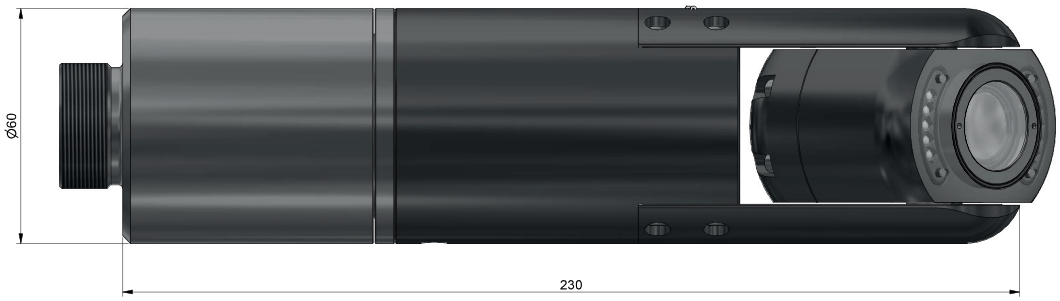
- Robust design in anodized aluminum & stainless steel
- Pan & tilt including slipping clutch
- Radiation tolerant
- Zoom lens 10x optical / 16x digital
- 1080i/60 fps Full-HD resolution
- Integrated LED lighting
- Watertight up to 50 m

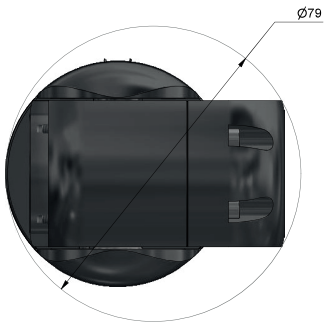
## Technical specifications - VT 60 PTZC HD camera

This document is for general information only, please consult the system manual for detailed specifications

| | |
|---|---|
| Housing | anodized aluminum & stainless steel |
| Image sensor / number of effective pixels | 1/3" CMOS |
| Output pixels (HxV) | 1920x1080 |
| Signal system | 1080i/60 |
| Minimum illumination | 0.5 lx |
| Optical zoom | 10x |
| Digital zoom | 16x |
| Focus | automatic or manual |
| FOV | 58.2° (wide) to 6.9° (tele) |
| Minimum object distance | 10 mm (wide) to 800 mm (tele) |
| Video output | Y/Pb/Pr |
| Range - PAN | infinite |
| Range - TILT | 314° (± 157°) |
| Lighting | 4 W |
| Luminous flux | --- |
| Dimension (ø x L) | 60x230 mm |
| Weight | 1.5 kg |
| Operating temperature | --- |
| Water tight / water depth | 5 bar / 50 m |
| Radiation tolerant | --- |
| Total dose | --- |
| Optionals | --- |
| Features | integrated slipping clutch for pan & tilt |

*** unit in mm**



# Setup

## 1 Camera

VT 60 PTZC HD

## 2 Cabling

Cable
VT 360 PTC HD KCP

## 3 Control unit

24 V DC

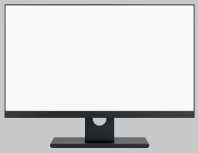
Control unit
VT CamCtrl

## 4 Remote control

*similar picture

Remote control
VT XLRAD BFBH*

## 5 Add-ons



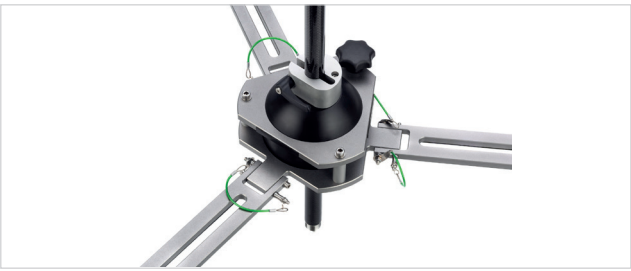
Monitor

Laptop

## Accessories

### VT 29 carbon poles - 29 or 42 mm diameter

Connectable carbon poles for deployment of cameras and tools - standard lengths are 1 and 2 m



### Manhole holder

Versatile positioner for 29 or 42 mm carbon poles

### VT GH Vario tool holder

Variable railing bracket with stainless steel adapter for connecting the camera to 29 or 42 mm diameter carbon poles

DACON Inspection Technology

+31(0)71 - 747 0110
www.daconbv.nl
info@daconbv.nl

YOUR RELIABLE ADVISER AND PARTNER FOR VISUAL INSPECTION EQUIPMENT