

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

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

Applications

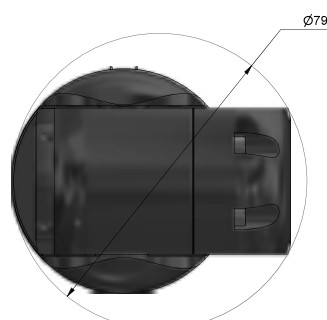
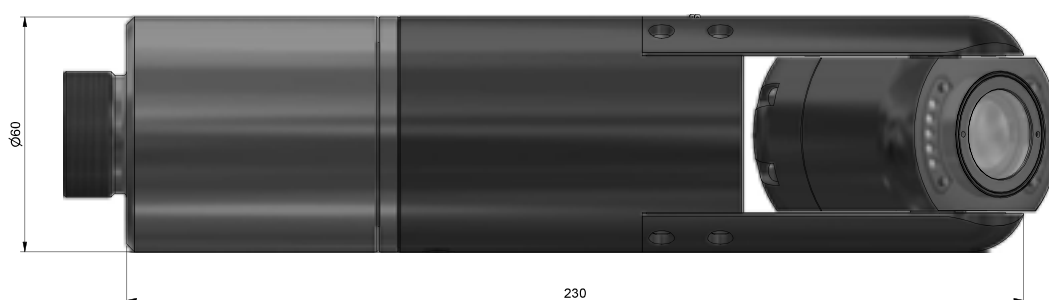
- ▶ All underwater inspections and monitoring applications in hard to reach areas
- ▶ Nuclear applications (refueling - offloading - maintenance)
- ▶ Industrial applications (offshore or deep well inspections)
- ▶ Decommissioning applications (pipe and tank inspections)

Technical specifications – VT 60 PTZC HD camera

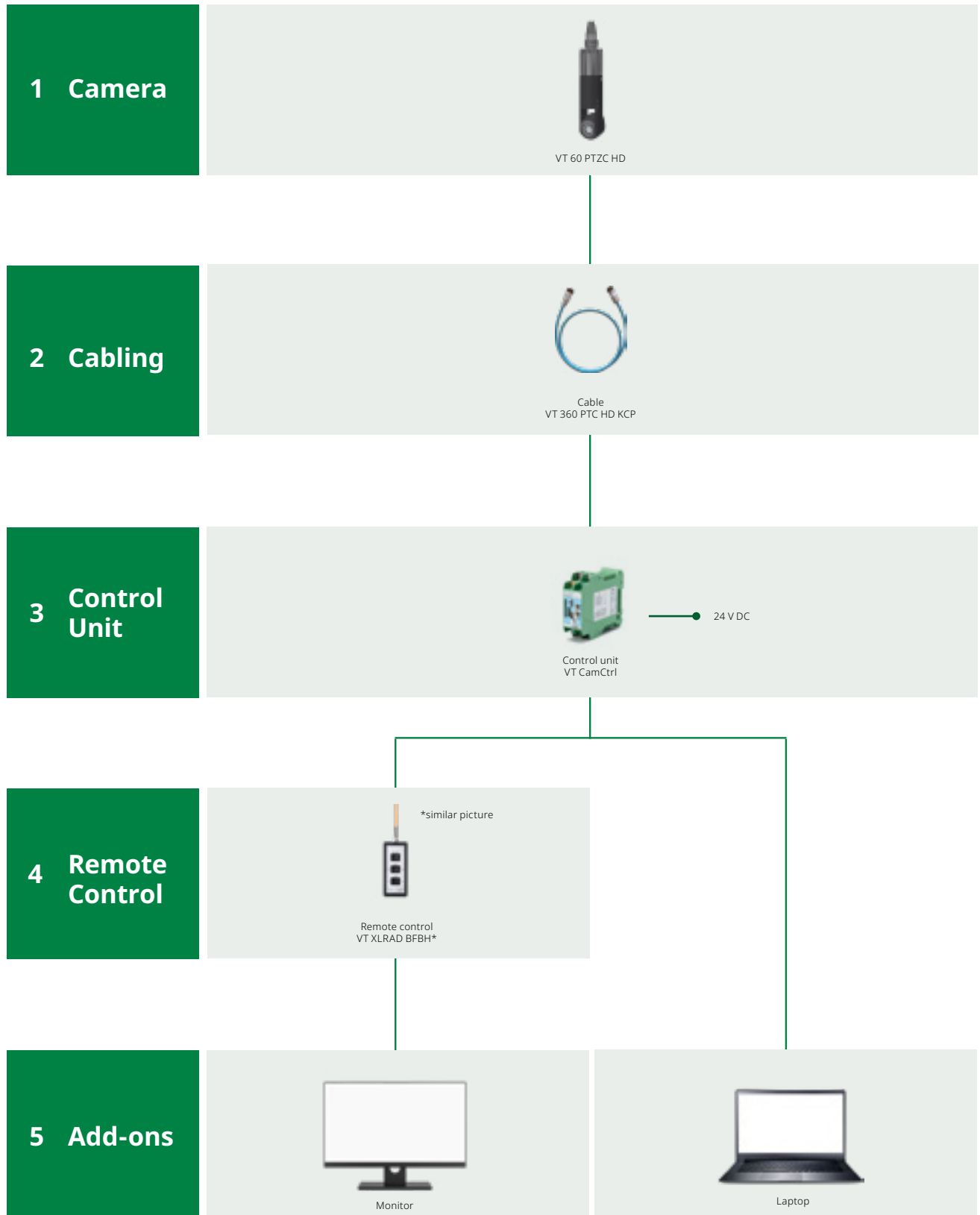
This document is for general information only,
please consult the system manual for detailed specifications

| | |
|---|---|
| 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 | 5.110rad/h (51,10Gy/h) |
| Total dose | 19.160rad (191,60Gy) |
| Optionals | --- |
| Features | integrated slipping clutch for pan & tilt |

* unit in mm



Setup



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

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