VT 25 FL
camera system
brochure

VT 25 FL inspection camera

Extremely compact, watertight color camera with integrated lighting, focus and an outer diameter of 25 mm

Applications

- Pipe inspection
- Underwater inspection
- Remote operated manipulators
- Retrieval of foreign objects
- Hard to reach areas
- Industry
- Sewer inspections
- Nuclear facilities

Features

- Small and robust design in stainless steel
- Outer diameter of 25 mm
- Radiation resistant
- PAL/NTSC
- Integrated LED lighting
- Water tight up to 50 m

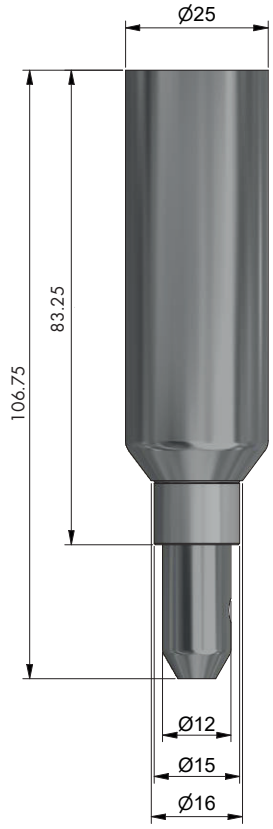
Technical specifications - VT 25 FL camera system

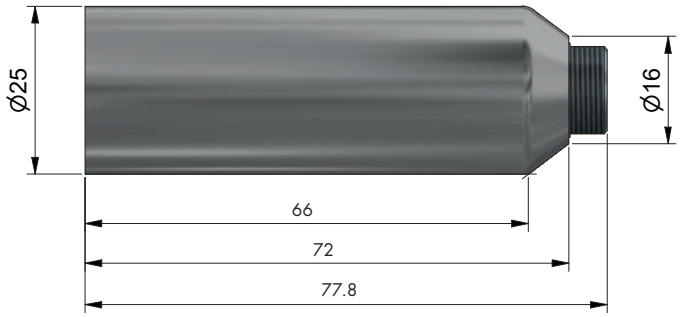
This document is for general information only, please consult the system manual for detailed specifications

Housing	stainless steel
Image sensor / number of effective pixels	1/3" CMOS
Horizontal resolution	600 TVL
Signal system	PAL/NTSC
Minimum illumination	0.001 lx
Optical zoom	n/a
Digital zoom	n/a
Focus	manual (motorized)
FOV	---
Minimum object distance	---
Video output	CVBS
Range - PAN	n/a
Range - TILT	n/a
Lighting	12x LED
Luminous flux	~ 108 lm
Dimension (ø x L)	25x78 mm
Weight	--- kg
Operating temperature	---
Water tight / water depth	5 bar / 50 m
Radiation tolerant	5,500 rad/h (55 Gy/h)*
Total dose	30,000 rad (300 Gy)
Optionals	---
Features	---

*many ray pixels

*** unit in mm**





Setup

Possible combinations

Stand-alone system

DIN rail 35 mm compatible and modular control unit

1 Camera

VT 25 FL

VT 25 FLC

2 Cabling

Cable drum with slip ring
VT 25 SKT

Cable drum
VT 25 KT

Cable
VT 25 K

Cable
VT 25 KC

3 Control unit

VT 25 CU

Control unit
VT CamCtrl

24 V DC

4 Remote control

*similar picture

Remote control
VT XLRAD BFBH

5 Add-ons

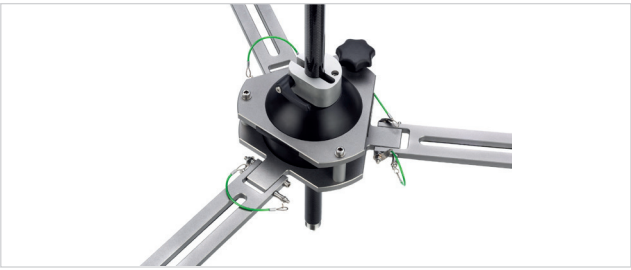
Monitor

Laptop

Accessories

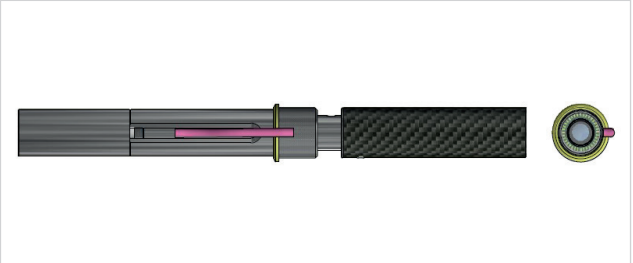
VT 29 carbon poles - 29 or 42 mm diameter

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 25 FL holder

Carbon pole with quick-release coupling to adapt the camera

VT GH Vario tool holder

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

Prismatic attachment

To rotate the field of view by 90°. Application e.g. to have the camera outside the radiation area

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