

# 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**

### 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

### Applications

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

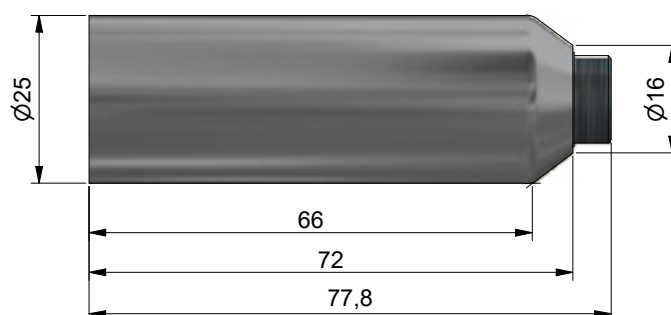
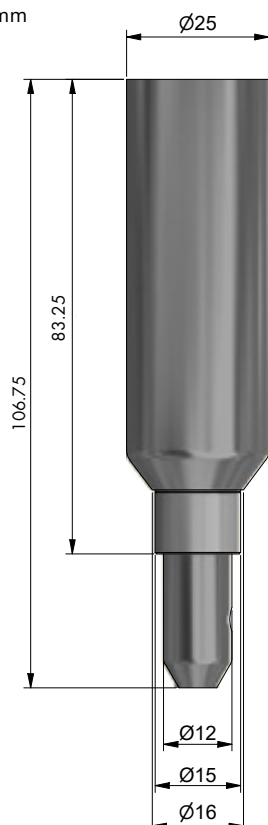
## Technical specifications – VT 25 FL camera system

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 1 / 2	5,500 rad/h (55 Gy/h)* / 2,100 rad/h (21 Gy/h)
Total dose 1 / 2	30,000 rad (300 Gy) / 80,800 rad (808 Gy)
Optionals	---
Features	---

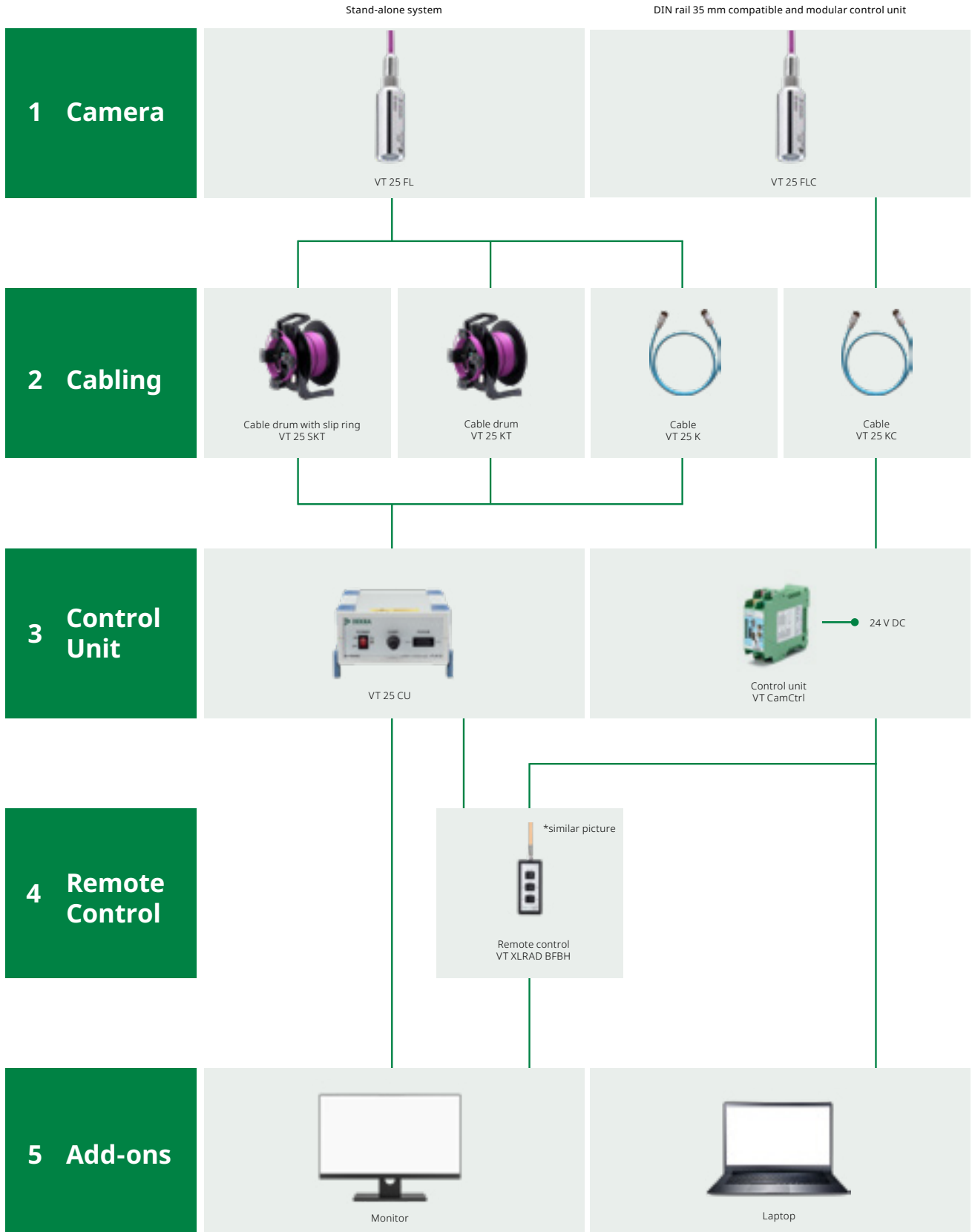
\* many ray pixels

\* unit in mm



# Setup

## Possible combinations



## Accessories



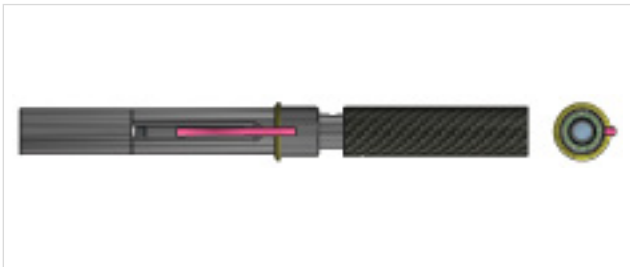
### VT 29 carbon poles - 29 or 42 mm diameter

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

## DEKRA Visatec GmbH

Gewerbepark 7  
87477 Sulzberg/See Germany  
Tel. + 49.8376.9215 0  
info.dvg@dekra.com

[dekra-visatec.com](http://dekra-visatec.com)