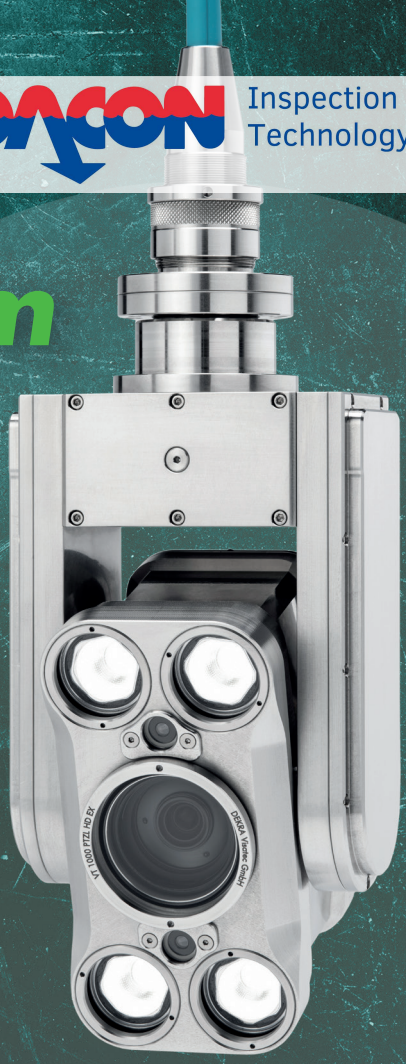
VT 1000 PTZL HD EX
camera system
brochure



VT 1000 PTZL HD EX
FullHD Ex classified inspection camera

ATEX zone 1 rated & watertight FullHD camera with integrated dimmable lighting, pan and tilt function, with slipping clutch and zoom function

Applications

- Tank inspections in the oil & gas, chemical and petro-chemical industries
- All visual inspections and monitoring in hazardous areas
- Industrial applications

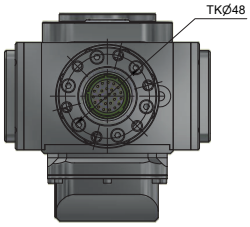
Features

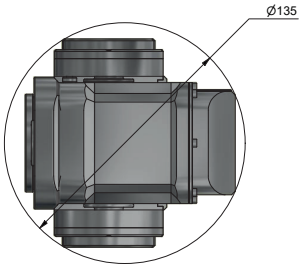
- ATEX certification (EX II 2G Ex eb ib pxb IIC T6 Gb)
- IECEc certification (EX eb ib pxb IIC T6 Gb)
- Robust design in stainless steel
- Pan & tilt including slipping clutch
- Zoom lens 30x optical / 12x digital
- 1080i/60 fps Full-HD resolution
- Integrated LED lighting and 2 line lasers
- Watertight up to 6 m

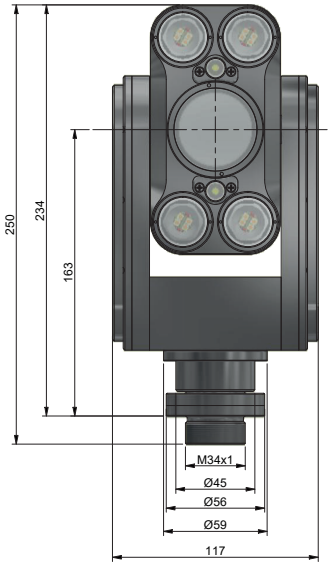
Technical specifications - VT 1000 PTZL HD EX camera

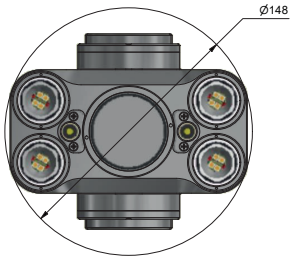
This document is for general information only, please consult the system manual for detailed specifications

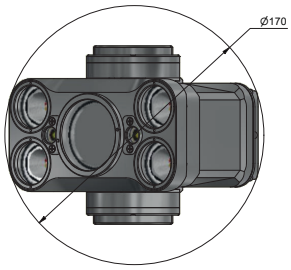
ATEX zone	1
ATEX certification	EX II 2G Ex eb ib pxb IIC T6 Gb
IECEc certification	EX eb ib pxb IIC T6 Gb
Housing	stainless steel
Image sensor / number of effective pixels	CMOS / 2130k pixels
Output pixels (HxV)	1920x1080
Signal system	1080i/60
Minimum illumination	0.01 lx
Optical zoom	30x
Digital zoom	12x
Focus	automatic or manual
FOV	63.7° (wide) to 2.3° (tele)
Minimum object distance	10 mm (wide) to 1200 mm (tele)
Video output	Y/Pb/Pr
Range - PAN	infinite
Range - TILT	220° (± 110°)
Lighting	4x LED spots
Luminous flux	---
Dimension (LxWxø)	250x117x135 mm
Weight	5 kg
Operating temperature	+1°C to +50°C
Water tight / water depth	0.6 bar / 6 m
Radiation tolerant	---
Total dose	---
Optionals	---
Features	integrated slipping clutch for pan & tilt, two line lasers stainless steel











Setup

Possible combinations

1 Camera

VT 1000 PTZL HD EX

2 Cabling

VT Nitrogen

VT 1000 HD SKT EX

VT 1000 EX
Interface box

3 Control unit

Control unit
VT 6360 CU

Control unit
VT 300-3 CU

24 V DC

Control unit
VT CamCtrl

4 Add-ons

Remote control VT
780-2 FB

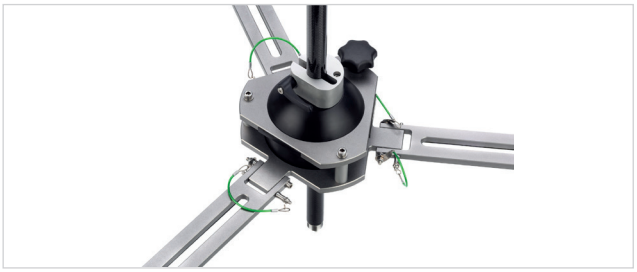
Monitor

RS485 Interface

Optional accessories - not ATEX / EX classified

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

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