

# PTP50 HD

PTP50 HD pan and tilt camera for the AGILIOS HD push camera system has an application range that starts at DN60. The camera provides an endless rotation and a large panning range. The camera is characterized by its high-grade, robust design and superior optical capabilities.



## TECHNICAL DATA PTP50 HD

Normal pipe widths	DN60 - DN300
Pipe bend mobility	Starting at DN75/90°
Push operation	Yes
Crawler operation	No
Pressure tightness	Up to 1 bar
Viewing range	-55° to +152°
Panning range	-26° to +122°
Rotation range	Endless
Illumination	LED illumination
Angle of view	2w (D/H/V) (90/80/44)°
Focus	Endless
Resolution (horizontal)	1920x1080px (Full HD)
Aperture control	Automatic
Light sensitivity	2.0 Lux
Upright picture	Yes (in axial view)
Location	512 Hz/640 Hz/33 kHz (activation optional, variable frequency)
Laser pointer	Yes
Distance laser	21 mm
Internal pressure sensor	Yes
Angle sensor for panning	Yes
Angle sensor for rotation	Yes
Protection class	IP68 up to 10 m of water depth
Ambient temperature range	0°C to 40°C
Storage temperature range	-20°C to 70°C
Material	Stainless steel
Dimensions (ØxL)	49 x 280 mm (incl. spring connector)
Weight	approx 0.98 kg



## ADVANTAGES AT A GLANCE

- Rotation and pan unit integrated in the camera head
- Backwards view into the connecting pipelines when inspecting water flow direction
- Strong homogeneous illumination through adjustable LED illumination
- Sturdy construction, high-strength stainless steel housing protects against wear
- Scratchproof, replaceable camera front glass (Sapphire glass)
- Upright picture (in axial view)
- Integrated laser to measure diameter and crack width
- Multi-frequency location transmitter can be activated or switched
- Full HD resolution
- Large angle of view
- Focus mode
- Compatible with the AGILIOS HD push camera system
- Optional EX version available

## COMPATIBLE WITH:

- AGILIOS HD
- VC500 HD control panel
- DCX5000 HD control panel via RasCon (in preparation)
- VisionReportAPP

## NOT COMPATIBLE WITH:

- AGILIOS AR, XR
- ROVION Crawler
- SAT-Crawler RX140SAT I, II and HD
- VC200, VC500 control panel
- DCX5000 control panel