

PTP50

Pan and tilt Ø 56 mm - 300 mm

Pan and tilt Camera PTP50 for the AGILIOS push camera system which is able to turn. The application area starts at DN60. The camera disposes of an endless rotation and a large panning range. The camera is characterized by its high-grade and robust design and excellent optical qualities.

Technical data - PTP50

Normal pipe widths	DN60 - DN300
Pipe bend mobility	Starting at DN 90/90°
Push operation	Yes
Crawler operation	No
Pressure tightness	Up to max. 1 bar
Viewing range	-55° to +152°
Panning range	-90° to +122°
Rotation range	Endless
Illumination	LED illumination
Angle of view	80° (horizontal)
Focus	1 mm to endless
Resolution (horizontal)	500 TVL/PAL
Aperture control	Fixed
Light sensitivity	0.4 Lux
Upright picture	Yes (in axial view)
Location	512 Hz/640 Hz/33 kHz (can be activated, switchable)
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	Aluminium (hard coated)
Dimensions (ØxL)	49 x 280 mm (incl. spring connector)
Weight	approx 0.8 kg



- CMOS color camera
- Rotation and pan unit integrated in the camera head
- Backwards view into the connecting pipelines when inspecting in water flow direction
- Strong homogeneous illumination through adjustable LED illumination
- Impact-resistant lighting ring with integrated bumper made of stainless steel
- Scratchproof, replaceable camera front glass (Sapphireglas)
- Upright picture (in axial view)
- Integrated laser to measure the diameter and crack width
- Multi-frequency of the location transmitter (activatable and switchable)
- High resolution
- Large angle of view
- Focus mode
- Compatible with the AGILIOS push camera system
- Compatible with the ROVION satellite inspection system
- Optionally available as EX version