

PTC50 - P&T Camera Ø 100 mm – 300 mm

Pan & Tilt Camera PTC50 for the ROVION inspection system. The application area starts at DN 100. 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 - PTC50

Nominal pipe widths	DN 100 – DN 300
Push operation	no
Crawler operation	yes
Pressure tightness	up to max. 1 bar
Viewing range	- 55° – +152°
Panning range	- 90° – +122°
Rotation range	endless
Illumination	LED illumination
Angle of view	80 ° horizontal
Focus	1 mm – ∞
Horizontal resolution	500 TVL / PAL
Shutter	fix
Light sensitivity	0.4 Lux
Upright picture	yes (in axial view)
Laser pointer	yes
Distance laser	21 mm
Internal pressure sensor	yes
Angle sensor panning	yes
Angle sensor rotation	yes
Protection class	IP68 up to 10 m of water depth
Ambient temperature area	0 °C – 40 °C
Storage temperature area	-20 °C – 70 °C
Material	Aluminum (hard coated)
Dimensions (ø x L)	49 x 106 mm (incl. spring connector)
Weight	approx. 0.4 kg



- CMOS-color camera
- Rotation and pan unit integrated in the camera head
- Backwards view into the connecting pipe lines 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
- High resolution
- Large angle of view
- Focus mode
- Compatible with the ROVION inspection system
- Optionally available as EX version



iPEK International GmbH · See, Gewerbepark 22 · 87477 Sulzberg · GERMANY
☎ +49 8376 921 800 📠 +49 8376 921 8021 ✉ isg_info@idexcorp.com 🌐 www.ipek.at

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