

PTP50 - P&T Camera Ø 56 mm – 300 mm

Pan & Tilt Camera PTP50 for the AGILIOS push camera system which is able to turn. The application area starts at DN 60. 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

| | |
|--------------------------|---|
| Nominal pipe widths | DN 60 – DN 300 |
| Pipe bend mobility | starting at DN 90 / 90° |
| Push operation | yes |
| Crawler operation | no |
| 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) |
| Locating | 512 Hz / 640 Hz / 33 kHz (activatable and switchable) |
| 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 | Aluminium (hard coated) |
| Dimensions (ø x L) | 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



OCTOPUS
ELECTRONICS

6 Ingwe Road, Sebenza, 1609

+27 (0) 11 524 0144

info@octopuse.co.za

www.octopuse.co.za



iPEK International GmbH · See, Gewerbepark 22 · 87477 Sulzberg · GERMANY

☎ +49 8376 921 800 📠 +49 8376 921 8021 ✉ isg_info@idexcorp.com 🌐 www.ipek.at

Issue: May 2017 – subject to changes · ROVION®, AGILIOS™, XPECTION® are registered trademarks of iPEK

