

RCX90 - P&T zoom camera Ø 146 mm – 2000 mm

The pan & tilt head camera RCX90 has a 10 x optical zoom and additionally a 12 x digital zoom camera module. The camera has a pan range of $\pm 135^\circ$ and an endless rotation range.

TECHNICAL DATA - RCX90

Nominal pipe widths	DN 150 – DN2000
Push operation	no
Crawler operation	yes
Pressure tightness	up to max. 1 bar
Panning range	$\pm 135^\circ$
Rotation range	endless
Illumination	LED-Illumination
View angle	about 60° (horizontal)
Focus	10 mm – ∞ (automatically and manually)
Optical zoom	10 x
Digital zoom	12 x
Resolution horizontal	530 TVL/PAL
Iris control	automatically and manually
Sensitivity to light	1 Lux
Upright picture	no
Laser pointer	yes
Distance laser	50 mm
Internal pressure sensor	yes
Angle sensor for panning	yes
Angle sensor for rotation	yes
Protection class	IP68 up to 10 m water depth
Ambient temperature range	$0^\circ\text{C} - 40^\circ\text{C}$
Storage temperature range	$-20^\circ\text{C} - 70^\circ\text{C}$
Material	aluminum
Dimensions (L x W x H)	168 x 81 x 72 mm
Weight	1.5 kg



- CCD-color camera
- 10 x optical / 12 x digital zoom
- Rotation and pan unit integrated in the camera head
- Endless rotation range
- Panning range $\pm 135^\circ$
- Integrated laser to determine diameters and crack widths
- Powerful homogenous illumination through LED lighting
- Stepless light control from 0 - 100%
- Impact-resistant lighting ring
- Indication of the panning and rotation angle on the GUI of the VC200/DCX5000 and in the text generator (VC200)
- Internal pressure indication via system status VC200 / DCX5000
- 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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