

SVC110 & RE100 - borehole camera & rotation unit Ø 150 mm - 500 mm

The SVC110 is a high-resolution CCD-color camera with pan & tilt head - its panning range in both directions is 135° and due to a slip ring endless rotation is possible. Additionally the pan & tilt camera designed specifically for the borehole camera system has a 10 x optical and a 4 x digital zoom.

TECHNICAL DATA - RCX110 & RE100

Pressure tightness	up to max. 50 bar
Panning range	+/- 135°
Rotation range	endless
Illumination	LED illumination
View angle	approx. 60°
Focus	automatically and manually
Optical zoom	10 x
Digital zoom	4 x
Resolution horizontal	460 TVL/PAL
Iris control	automatically and manually
Sensitivity to light	1 Lux
Location transmission	-
Drive	motor-driven
Laser pointer	yes
Distance laser	45 mm
Internal pressure sensor	yes
Angle sensor for panning	yes
Angle sensor for rotation	yes
Protection class	IP68 up to 500 m water depth
Ambient temperature range	0 °C - 40 °C
Storage temperature range	0 °C - 40 °C
Material	stainless steel
Dimensions (L x W x H)	128 x 98 x 74 mm
Weight	approx. 2.6 kg



- CCD-color camera
- 10 x optical / 4 x digital zoom
- Endless rotation range
- Panning range +/- 135°
- Powerful homogenous illumination through LED lighting
- Light control from 0 - 100%
- Impact-resistant lighting ring
- Integrated laser to determine crack widths
- Inspection depth up to max. 500 m
- Auxiliary light with 4 manually adjustable halogen lamps
- Compatible to cable reel RAX500



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