



DELTA

CCTV Inspection System for Laterals

rausch

Mobile inspection of Sewers from 50 mm

Incredibly flexible

The mobile control unit DELTA is the basic system for the operation of push cameras for the inspection of laterals starting from 50 mm.

In the DELTA pro version, the documentation is done via an integrated PC and the data acquisition software SmartCommander.

- Application of pluggable pan and tilt as well as axial view cameras from 50 mm upwards
- Mobile light weight (22 kg incl. 80 m push cable)
- Cable length 30-80 m
- Operation of track ball and foil keyboard even possible when wearing gloves

- USB port for direct data transfer
- Operation via main cable possible on all digital Rausch CCTV systems
- Optional EX-approval according to European standard 2014/34/EU in combination with camera KS 60 DB-Ex
- Optional jetting nozzle to operate the camera in laterals with an external jetter (HD unit required)
- Operation with integrated batteries (optional)

Operation controls/monitor

- Main switch
- Multi functional 3-axis finger joystick for camera control (pan, tilt, focus) and lighting regulation, foil keyboard
- Protection class IP 65 (high-strength plastic housing)
- Industrial track ball with optical ball sensing for PC operation (only for DELTA pro version)
- Dimensions: 707 x 595 x 381 mm (monitor in transport position)
- Monitor: 8.4" (21 cm) TFT display, scratch proof, resolution: 800 x 600 (SVGA)
- Dual display of PC and video, sunlight capable, sun visor

Additional Features:

- Wide wheel base for solid positioning
- Extendable transport handle, handholds and carrying strap
- Storage compartment
- Mechanical brake for reel drum
- Connection for external monitor
- Complete protection of all controls while monitor in transport position
- Basic system DELTA with digital recorder (optional)

PC/data capture (only with DELTA pro)

- Embedded PC, Intel Processor (1,6 GHz), operating system XP Embedded
- Picture and video digitisation JPG/MPEG 2/4
- 2 GB DDR memory as well as 2GB onboard SSD and 80 GB Sata SSD, 3 x USB 2.0 as well as an ethernet interface
- Resolution: 720 x 576 (PAL), 720 x 480 (NTSC)
- Integrated data acquisition software SmartCommander
- Path length measurement via measuring wheel with highly accurate measuring accuracy (resolution 1 mm)

Combination possibilities with SAT 40, SAT 42, KS 60 CL und KS 60 DB



SAT 40



SAT 42



KS 60 CL



KS 60 DB

For diameters starting from 50 mm, the DELTAs can be either combined with the cameras SAT 40, SAT 42, KS 60 CL or starting from 100 mm with our top-of-the-line model, the fully digital pan and tilt camera KS 60 DB.



Accessories



DELTA Battery-Set



Jetting nozzle



PIN Set for KS 60 DB
to control the camera in
branched laterals



**Camera centering
for SAT 42**



Camera centering for KS 60 DB



Pressure filling system

SmartCommander

Data acquisition software SmartCommander for the professional documentation of CCTV inspections. Recording of digital videos and pictures including text overlays. Extensive data collection that can be exported in the most frequent data formats. Configurable report generator to produce inspection reports in PDF format.

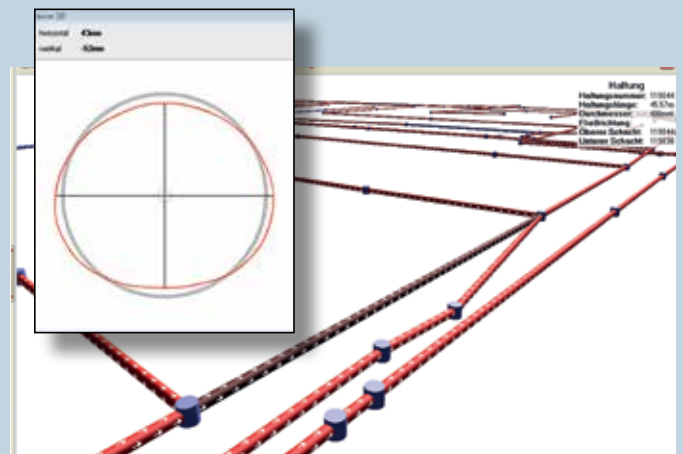
3D mapping of pipes and branched laterals with manholes. Transfer of data is possible via DXF and PDF.

Viewer version:

Handover of the projects in a viewer version including all inspection data, pictures and videos. The viewer also contains an export function and the report generator.

Professional data administration:

Project data (e.g. from PipeCommander and SmartCommander) can be read, combined and processed in a central administration (office version) via the data synchronisation module.



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