

# Manhole Inspection Camera STV-3 “Electronic Sewer Mirror” for Sewers, Shafts, Separators

## System Description

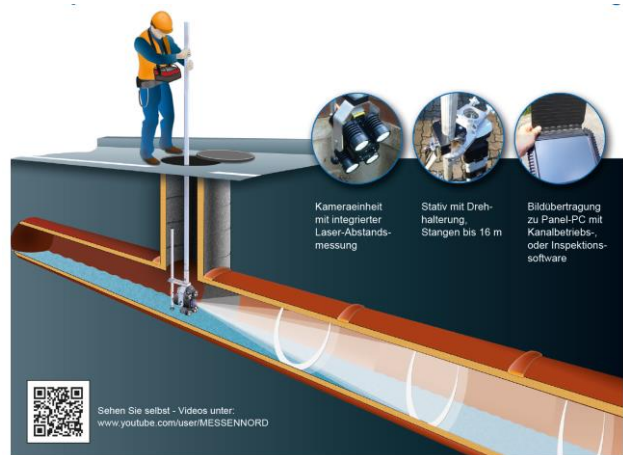
The remote controlled zoom camera STV-3 serves the assessment and documentation of the status of sewers, pipes, shafts, manholes, vessels, inspection points, separators and collecting tanks without entering.

Images and videos can be stored at the integrated SD-memory stick or transmitted via USB to a connected PC/notebook and inserted into inspection reports or GIS-databases.

The integrated measuring laser with a range of 10 m allows measuring the dimensions (depth and diameters) of manholes, tanks, pumping shafts and separator installations.

The pole camera is guided either manually by a telescopic pole system or via an optional support. In addition, the camera suspension allows horizontal rotation to image the shaft channel.

The wide-range zoom objective and special lighting characteristics allows a zoom in for assessing the cleanness of the pipelines and sewers to provide a “Cleaning on demand”.



## Technical Parameters

Optics:	22-fold optical , 4-fold dig. zoom, controllable via joystick, focus automatic and manually, Camera unit 90° pivoting
Lighting:	4 High-Power LED-spotlights
Measuring:	Laser sensor, range up to 10 m
Control unit:	Colour screen, zoom and focus joystick, image taking with push button, integrated SD memory
Supply:	230 V AC / 12 V DC, Accu Option
Interfaces:	PAL-Video (BNC) USB 2.0, SD memory card, WiFi
Water protection:	Camera IP 67, not explosion proof, control unit splash-proof
Supply volume:	Camera unit incl. laser sensor Control unit with carrying strap Telescopic pole 6/8/10/16 m
Options:	<ul style="list-style-type: none"> <li>- Backpack with accumulator Battery (Li-Technology)</li> <li>- Tripod with rotation support</li> <li>- Quicklock-Rodset (2m units)</li> <li>- Transportation case</li> <li>- Robust Tablet PC (IP 65)</li> <li>- Inspection Software EN13508-2</li> </ul>

