

# twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

## Cámara de Inspección Wohler VIS 500 WO-VIS500

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**MAKES  
EVERYTHING  
VISIBLE**



**Wohler VIS 500 Inspection Camera**  
Robust technology for every challenge



# Wohler VIS 500 Inspection Camera

The newcomer in our camera family

### Perfect images for your daily challenges

To get a clear view, rely on an inspection camera from the specialist: The Wohler VIS 500 inspection camera offers the tried and tested case system with brand new technology – and this allows you to proceed even more purposefully during your operations. Thanks to the exchangeable camera heads, you are perfectly equipped for all operations. You simply control pan and tilt camera head via a key pad, so that you have everything in view even in dark pipes. The monitor then provides you with sharp and true-colour images on which you can see every detail exactly. This means you no longer spend your time in assumptions or misjudgements. Instead, you plan your operation on the basis of your video inspection. You can choose to store images and videos in the camera's large internal memory or on a USB stick.

### Report in the app

With the Wohler VIS 500 inspection camera, you are perfectly equipped for the future. The camera's WLAN interface makes it possible to view images and videos in the large camera display and simultaneously in the smartphone or tablet display. This way, several people can follow the inspection live at the same time, even if they have positioned themselves quite differently. The image files are transferred from the camera to the app via WLAN and after the inspection you can create an illustrated report in just a few minutes, which you can send directly from your smartphone to your office address, the customer or the insurance company with one click.

### Absolutely suitable for technicians

We know your everyday life and have thought of everything: You don't have to be squeamish with the Wohler VIS 500. If the camera is dirty, take the rod and pole out of the case in one easy step. Then spray the case and reel with water. It couldn't be easier.



Bright illumination



Voice



Video



Picture



Home function



Easy cleaning



Tracking transmitter



WiFi



Lithium-ion battery



USB-stick



Sharp picture, clear menu structure and a firm grip in the hand.



With the Wohler L 200 Locator, the camera head can be located with pinpoint accuracy.

## Advantages

- ▶ The universal camera for your applications: Interchangeable camera head, sound and voice recording via headset and different rod lengths
- ▶ Waterproof rotatable and pan and tilt camera head Ø 1.5" for an all-round view
- ▶ Future-proof thanks to Wohler video inspection app: operation, image view and report
- ▶ Convincing image quality with true-colour for fast and safe work
- ▶ Double-shell case with separate compartment for the camera rod for cleaning with water
- ▶ Bright illumination with camera LEDs and optional additional lighting
- ▶ Intuitive handling with uniform operating concept of the Wohler VIS series

# Technical data

## Monitor

TFT display:	7" / 16:9 Format
Resolution:	1.024 x 600 px
Power supply:	USB-C 5 V / 3 A 3,7 V / 11,4 Ah
Operating time:	6 h
Dimensions:	9.6" x 5.5" x 2.1"
Weight:	1.5 lbs

## Wohler pan / tilt camera head Ø 1.5"

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Angle of image capture:	130°
Light source:	white LEDs (12 pieces)
Protection class:	waterproof IP 67
Dimensions:	Ø 1.5" x 2.4"
Transmission frequency Locator:	9.2 kHz / 8.9 kHz / 512 Hz

## Wohler miniature camera head Ø 1"

Resolution:	720 x 576 px (PAL) 720 x 480 px (NTSC)
Image acquisition angle diagonal:	145°
Light source:	white LEDs (12 pieces)
Protection class:	pressurized waterproof IP 68
Dimensions:	Ø 1" x 1.5"
Transmission frequency Locator:	9,2 kHz

## Camera pushrod

Length:	100' electr. distance counting
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## Application

Damage analysis, non-destructive inspection and documentation of:

- ▶ 87° bends
- ▶ Sewer pipes from Ø 15"
- ▶ House connections up to Ø 8"
- ▶ Air ducts/ductwork and ducts
- ▶ Intermediate ceilings, cavities, shafts
- ▶ Industrial machines / plants

## Functionality

- ▶ Modular system: one monitor, many applications through upgrade sets
- ▶ optics pan 360° and tilt 180° – even the smallest defects are visible
- ▶ Electronic position and angle indication of the camera head in the display
- ▶ Home function for aligning the camera head in a straight position - display parallel to the pipe
- ▶ Light-intensive and flexible pan and tilt camera head with Ø 1.5" for inspecting tubes Ø 2.7"
- ▶ High-brightness and flexible miniature camera head with Ø 1" for inspecting tubes Ø 1.5" with 87° bends (optional)
- ▶ Manual control of LED lighting
- ▶ Electronic distance counting with display on the monitor
- ▶ Independent operation due to lithium-ion battery with up to 6 hours working time
- ▶ Integrated transmitter in the camera head for locating with the Wohler L 200 Locator
- ▶ Voice over via headset

## Data management

- ▶ Documentation on site for you and your customers: Direct storage of photos and videos on the integrated memory (4 GB) or on a USB stick.
- ▶ WLAN interface for live image transmission

## Locating with Wohler L 200 Locator (optional)

- ▶ Integrated transmitter in the camera head enables exact location of the camera head
- ▶ Targeted damage repair
- ▶ Telescopic holder of the locator facilitates localisation on the floor or in the ceiling area
- ▶ Chalk holder with chalk for direct marking of the damaged area
- ▶ Long-life lithium-ion battery

# Application



The waterproof camera head enables the inspection of sewers, among other things.



Voice comments on video recordings are also possible

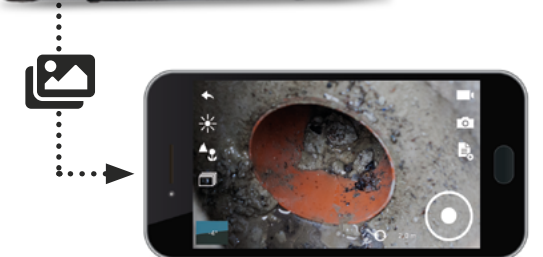
# Wohler Video Inspection App

## 1 camera - 2 displays

With the Wohler video inspection app, you use your smartphone or tablet as a second display. The camera transmits all image and video data to it via WLAN. Your colleague can then follow the entire video inspection, even if he is positioned at the other end of the inspected pipe.

- ▶ Display of live images in the app
- ▶ Camera image settings, e.g. brightness, can also be made via the app
- ▶ Easy sending of image and video files to your office address, the customer, the insurance company, etc.

The monitor image can be sent to mobile devices via WLAN and processed via the app.



# Basic sets



Wohler VIS 500  
Inspection camera

Wohler VIS 500  
Inspection camera














Wohler VIS 500  
Inspection camera














Wohler VIS 500  
Inspection camera

Property	Wohler VIS 500 Inspection camera	Wohler VIS 500 Inspection camera	Wohler VIS 500 Inspection camera	Wohler VIS 500 Inspection camera
Property	Suitcase camera	Suitcase camera	Cable camera	Chimney Camera
Camera head	Ø 1.5"	Ø 1.5" / Ø 1"	Ø 1.5"	Ø 1"
<b>Scope of delivery</b>				
Wohler VIS 500 monitor unit	•	•	•	•
TFT widescreen colour monitor and 6' connection cable (monitor removable)	•	•	•	•
Glare protection	•	•	•	•
Lithium-ion battery 6 h standby time	•	•	•	•
USB mains charger with USB-C cable	•	•	•	•
Wohler miniature camera head Ø 1"		•		
Wohler pan and tilt camera head Ø 1.5", detachable	•	•	•	•
Data storage: Internal memory 4 GB expandable with USB stick	•	•	•	•
Camera rod Ø 0.25" / 100'	•	•		
Camera cable 65' on a cable reel				•
Camera cable 100'			•	
Camera Holder				•
Replacement plastic domes	•	•	•	
Guidance Sleeve		•		
Guidance Ball		•		
Double-sided suitcase	•	•		
Transport case		•	•	•
Carrying strap system			•	
Wohler Locator L 200		•		
Article no.	11507	11304	11305	12143

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# » Accessories

	Article number
<b>Camera heads</b>	
 <b>Wohler Camera Head Ø 1", detachable</b> flexible connection to the camera rod, with leather protection bag	8934
 <b>Wohler Camera Head Ø 1.5", detachable</b> pan and tilt, flexible connection to camera rod, with leather protection bag	8926
<b>Upgrade Sets</b>	
 <b>Upgrade-Set Cable Camera</b> Light Ring 1"/1.5" (detachable), camera Spring Guide, carrying strap system with mounting plate for monitor unit, camera cable 65', camera holder	11263
 <b>Upgrade-Set Chimney Camera</b> Cable reel with electronic distance counting and camera cable 65', light ring 1"/1.5" (detachable), camera spring guide, carrying strap system, camera holder	11199
 <b>Upgrade-Set Camera Viper</b> Camera viper with digital distance counter 65', roller guide, protection sleeve 1.5", centering star, light ring 1"/1.5" (detachable)	11198
<b>Camera Cables &amp; Viper</b>	
 <b>Camera Cable with metric marking</b> 65'	9172
 <b>Camera Cable with metric marking</b> 100'	7812
 <b>Camera Cable with metric marking</b> 164'	7845
 <b>Camera Extension Cable with metric marking</b> 32'	8636
 <b>Camera Viper with digital meter counter, belt holder and stand</b> with push rod 100' / Ø 0.3"	7301
 <b>Camera Viper with digital meter counter, belt holder and stand</b> with push rod 65' / Ø 0.3"	7309
 <b>Camera Viper with digital meter counter, belt holder and stand</b> with push rod 100' / Ø 0.3"	7307
<b>Telescopic Pole</b>	
 <b>Wohler Telescopic Pole 5"</b> with flexible gooseneck for all camera heads, length of the telescopic tube 3' - 5' plus gooseneck 1'	7005

	Article number
<b>Accessories for Camera Heads</b>	
 <b>Wohler L 200 Locator (Receiver)</b> plastic case, USB power supply with micro USB cable, grease crayon (12 pcs. box, yellow) telescopic rod and headphones	7430
 <b>Wohler VIS Camera Trolley</b> Camerahead-holder, Storage bag Wohler, Stabilization sleeve for light ring 1"/1.5" (can only be used in combination with supplementary light)	4753
 <b>Camera holder</b> for reverse view - for Ø 1.5" camera head for Wohler VIS 3xx (only detachable version) and Wohler VIS 500	3720
 <b>Wohler Guidance Set 70</b> for Wohler VIS camera head Ø 1", guidance sleeve with protection cage, centering brush	3883
 <b>Guidance Sleeve</b> for camera head Ø 1"	3827
 <b>Guidance Sleeve with protection cage</b> for camera head Ø 1"	3847
 <b>Wohler Guidance Set 100</b> for camera head Ø 1.5" protection sleeve with cut-out, roller guide and centering brush	4240
 <b>Protection sleeve with cut-out</b> for Wohler Camera Head Ø 1.5"	2641
 <b>Roller guide</b> suitable for camera heads and rods	3681
 <b>Wohler Light Ring 1"/1.5", detachable</b> for Wohler VIS detachable camera heads Ø 1" and Ø 1.5" with 18 white LEDs Ø 53 mm outer	8894
 <b>Relining Adapter</b> only for detachable versions VIS 350 PLUS / VIS 500	6888
 <b>Glass Dome</b> for Wohler Camera Head Ø 1.5"	3674
 <b>Replacement Plastic Domes</b> for Wohler Camera Head Ø 1.5" 10 pcs.	3675

# Overview of features

## High image and video quality

High resolution images allow a view of every detail.

## Flexible operation

The monitor can be attached to the case holder in two variants - the image rotates automatically by 180°. The operation is very simple via a few buttons. The monitor can be swiveled and rotated and can be removed from the case up to 6'.

## Position, angle and digital meter display

Direct display of the position of the camera head in the tube. The uncoiling length of the camera rod is recorded electronically and displayed in the image.

## Voice comments

Voice commentary can be added via headset during video recording.

## Easy cleaning and plenty of space for accessories

The easy-to-open bottom shell makes the case and removable basket with rod easy to clean. The double-walled hard case also protects the camera head and monitor.



## Glare protection

The glare shield can be stored in the case lid and plugged directly onto the monitor when needed.

## Live image transmission to the app

For transferring the video signal to a mobile device and for easy report generation.

## Powerful Li-Ion battery and fast charging process

Powerful with an operating time of approx. 6 hours – fast charging via USB-C port.

## USB stick

Documentation can be stored in the internal camera memory or on a USB stick. Ideal for passing on to the customer directly on site.

## Pan & tilt camera head Ø 1.5"

The color camera head can be swiveled from left to right by 180° and rotated by 360°.

## Stable camera rod

The camera rod can be pulled out up to 100' and its design makes it both archable and stable at the same time.

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