

TECHNICAL DATA

Wöhler VIS 700 HD Inspection Camera



Intended uses

The Camera is designed to visually inspect and document the condition of pipes and shafts, for example in flue gas systems, ventilation systems as well as for inspecting underground pipes etc.

Applications and functionality

Damage analysis, non-destructive inspection and documentation of:

- Sewage pipes and house connections from Ø 40...200 mm incl. 87° bends
- Air pipes, ducts and exhaust systems
- False ceilings, cavities and shafts
- Industrial installations
- Chimneys (HD cable camera)

Scope of delivery in the basic version

- Monitor
- Ø 1.5 inch pan and tilt color camera head, pluggable (option)
- Ø 1 inch miniature camera head, pluggable (option)
- Viper with 30 m camera rod and monitor cable (6.5 ft)
- 3 replacement plastic domes
- 1 Plug-in power supply with USB-C cable
- Twinwall hard case

Technical data		Monitor	
		Dimensions housing	0.3 x 0.2 x 0.1 inch
		Weight	1.9 lb
		TFT display	7" / 16:9 format, 1280 x 800 pixel
		Charging cable	USB-C 5 V/3 A
		Power supply	3.6 V, 14 Ah Li-Ion battery
		Battery operating time	Up to 4 h (battery status in display)
		Operating Temperature	32 - 104 °F
		Storage Temperature	- 4 - 122°F
		WLAN function	Wireless LAN IEEE 802.11 b/g/n network standard 2412-2472 MHz, < 10dBm
	Wöhler pan & tilt camera head	Classification Type	½.7" COLOR CMOS
		Focus distance	1 inch ... ∞
		Light source	10 white LEDs
		Protection	Waterproof to IP 67 (up to 1 m depth for 30 mins.)
		Dimensions	
		Diameter	Ø 1.5 inch
		Shell length	2.2 inch
		Total length	ca. 4 inch
		Frequency of the integrated emitter	9,2 kHz
		Angle of detection	70°
		Operation temperature	32 - 104 °F
		Storage temperature	- 4° - 122 °F
	HD – Mini Camera Head	Classification Type	1/2,7" COLOR CMOS
		Light source	10 white LEDs
		Protection	Waterproof to IP 68 (up to 30 m depth for 30 mins.)
		Dimensions	
		Diameter	Ø 1 inch
		Shell length	1.3 inch
		Total length	ca. 3.2 inch
		Frequency of the integrated emitter	8.9 kHz
		Angle of detection	150°
		Operation temperature	0 ... 40 °C
		Storage temperature	- 20 ... 50 °C
	Camera Rod	Length	100 ft.
		Minimum bending radius	0.8 ft.
		Connection cable to the monitor	6.5 ft
	Electronic meter counter	Resolution	1 inch
		Max. deviation	5 % of reading
	Storage	Memory	Internal memory or USB stick with 32 GB max. (recommended by Wöhler)
		Max. recording time of the internal memory	5 h
		Resolution of savings	
		Image, with text overlays (.png)	1280 x 800 Pixel
		Image, without text overlays (.png)	1280 x 720 Pixel
		Video (.AVI)	1280 x 720 px

Technical data

Recording duration	Max. Video recording duration (Video will be ended automatically)	29 Minuten und 59 Sekunden (29:59 Min)
Twinwall hard case	Dimensions	18 x 44 x 50 cm (LxWxH)
	Total weight with monitor, camera head and rod	22 lb
