

VCam^{HD}

The flexible USB HD camera



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VCam HD is a modern and versatile camera system that can be connected to both rigid and flexible endoscopes. Small dimensions, a weight of approx. 200 g as well as straightforward and intuitive control elements ensure optimal handling. Thanks to HD technology and an integrated powerful LED light source, VCam HD delivers excellent imaging and video quality for precise and informative diagnosis. In conjunction with either rigid or flexible endoscopes, the VCam HD offers a high-performance inspection unit for industrial use.

Special Features:

- Fast and easy handling
- Integrated LED light source
- No additional software necessary
- Portable and stationary use
- Zoom in/Zoom out
- Automatic and manual white balance

Specifications – VCam HD

Image sensor	CMOS-HD
Resolution	1920 x 1080 px, 30 fps
Interface	USB 3.0
USB cable length	3 m
Dimensions	45 mm x 45 mm x 80 mm
Weight	200 g ±10 g
Lens connector	C-Mount connector
Protection class	IPX 8
Power supply	DC 5V / 0.7A from USB 3.0 port
Operating conditions	0 °C to 40 °C, relative humidity 20% to 80%, atmospheric pressure 86 kPa to 106 kPa
Storage conditions	-10 °C to 60 °C, relative humidity 5% to 95%, atmospheric pressure 86 kPa to 106 kPa
Minimum requirements for PC/notebook	CPU: Dual Core 2.6 GHz Memory: 4 GB RAM System: MS Windows 10 / 8 / 7 (64 Bit or 32 Bit) Mac OS X memory: 4 GB RAM Monitor: 1920 x 1080 px Electronic protection class: II Voltage: DC 5V / 0.7A via USB Interface 3.0

Specifications – LED Light Source

Illumination	> 200,000 Lux
Performance	5 Watt
Color temperature	5,700 Kelvin
Service life	20,000 h
Connecting cable	500 mm in length



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USB HD Cam 3.0 - Image sensor: CMOS
Video resolution: 1920 x 1080 px, 30 fps
Interface: USB 3.0
Lens connector: C-Mount connector
Includes exchangeable LED light source
Illuminance: 200,000 Lux
Color temperature: 5,700 K
Power supply:
DC 5 V/0.7 A from USB 3.0 port
Dimensions: 45 mm x 45 mm x 80 mm
Weight: 200 ±10 g
Minimum requirements for PC/notebook:
CPU: Dual core 2.6 GHz
System: Microsoft Windows 10/8/7
(64 Bits or 32 Bits)
Memory: 4 GB RAM
Monitor: 1920 x 1080 px
USB port: USB 3.0
USB flash drive with VCam HD software
Storage case

Details

VCam HD is equipped with an integrated LED light source among other features. A separate light source is thus no longer necessary. Furthermore, no additional software is required to use VCam HD so that it can be simply connected to a portable end device (e.g., notebook, tablet) or a PC. Fast storage of the results on the connected unit ensures a smooth workflow.

USB 3.0 – Simple Plug & Play

for connecting to a notebook, PC or tablet – with or without software



Great compatibility

Compatible with practically all standard industrial endoscopes



Integrated LED light source

LED cold light source with high illuminance

Ergonomic and lightweight design

Ergonomic design and low weight (200 g) for fatigue-free work

CAMERA HEAD WITH C-MOUNT CONNECTOR

Details

The C-Mount connector allows the use of several lenses, depending on the application area. The integrated LED cold light source eliminates the need for external light sources. Thanks to the USB 3.0 interface, an external control unit is not required for documentation – data can be directly saved on the connected end device. This allows both portable and stationary use without difficulties. VCam HD features the IPX8 protection class and can be controlled directly at the camera head due to its Plug & Play function.

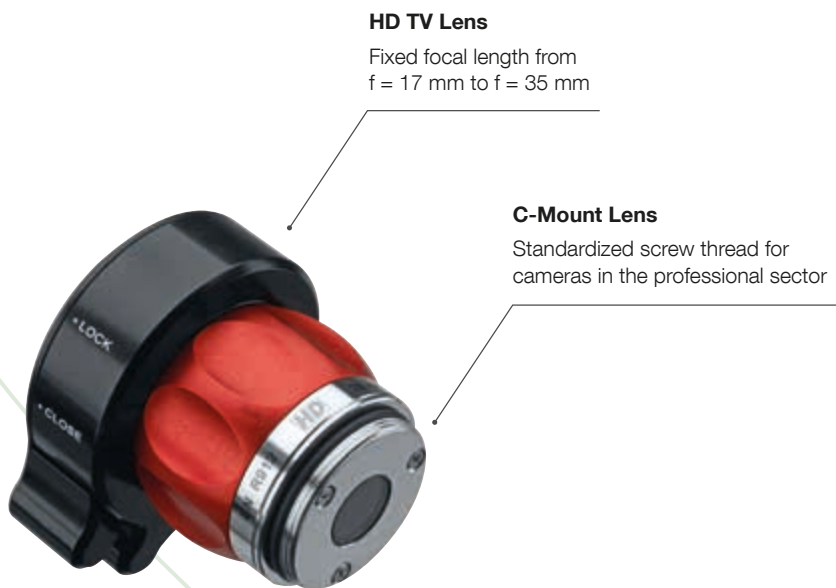


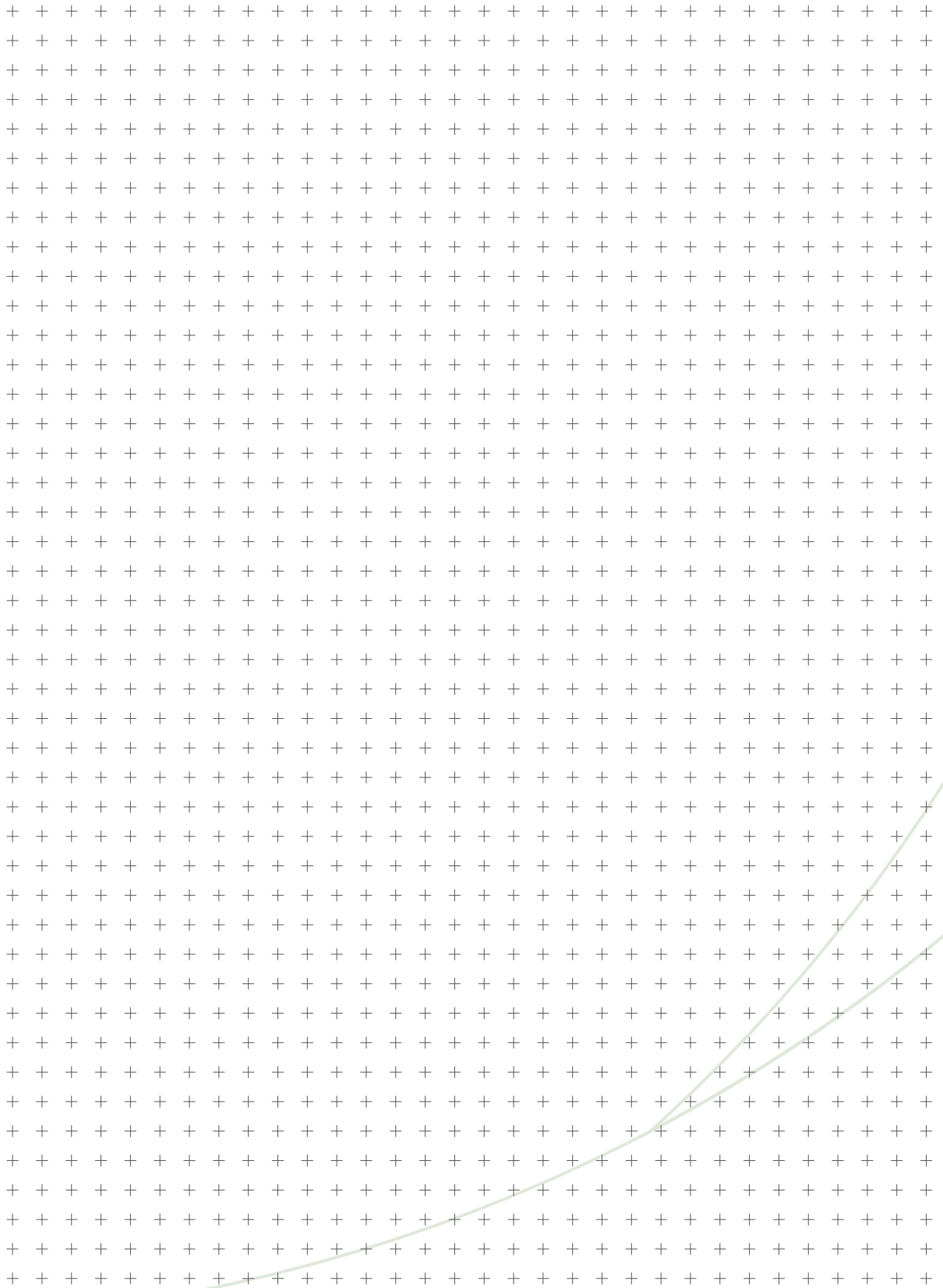
USB HD CAM 3.0 - Image sensor: CMOS
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Power supply: DC 5 V/0.7 A from USB 3.0 port
Dimensions: 45 mm x 45 mm x 80 mm

ACCESSORIES

Focusable lens with a C-Mount connector and a high-quality optical system that is calculated for HD applications specifically.

Order No.	C-Mount Lens F=
6600002	17 mm
6600003	22 mm
6600004	25 mm
6600005	28 mm
6600006	35 mm





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* For an up-to-date overview of the individual product groups, please refer to the product brochures of KARL STORZ NDTec GmbH.



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