

VIDEO MANAGEMENT SYSTEM

Technical Data	
Full HD-Camera	
Frame rate	60 Hz
Image sensor	1/3" CMOS-Chip
Resolution (h x v)	1920 x 1080 pixels
Dimensions	Ø = 39.5 mm, L = 123.5 mm
Weight	300 g/10.5 oz (incl. cable)
Coupling mechanism	C-mount
Cable length	3 m/9.8 ft
Disinfection/Sterilization	Soakable, STERRAD®
Power supply	100-240 V~
Power consumption	148 VA
Outputs	HDMI, DVI for Full HD, S-Video for ext. capture/printers, PC interface USB 2.0, PS/2, Remote
LED-Light Source	
Lamp	LED
Color temperature	6.500 K
Lumen maintenance	90 % after 10,000 hours
Size	Optimized for light guides Ø 4.8 mm
Adapter compatibility	Storz, Olympus, Wolf, ACMI
Full HD-Capturing	
Memory interface	USB flash drive and/or external USB hard drive
Image format	JPEG
Video Codec	MPEG-4, H.264
Resolution	1920 x 1080 pixels
Complete system	
Operating conditions	10-40 °C/50-104 °F
Protection against electrical shock	Body Float
Video Codec Means of protection against electrical shock	Class I
Dimensions (w x h x d)	381 x 149 x 379 mm
Weight	5.8 kg

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Distributor

W.O.M. WORLD OF MEDICINE GmbH
Salzuffer 8
10587 Berlin, Germany
Phone +49 30 39981-550
Fax +49 30 39981-551
E-Mail info.berlin@womcorp.com



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VIDEO MANAGEMENT SYSTEM

FULL HD-CAMERA | LED-LIGHT SOURCE | HD-CAPTURING



VIDEO MANAGEMENT SYSTEM

NEW Full HD-Camera

What matters today: Full HD resolution, impressive handling, good economical solution

- Full HD-Camera
- Integrated LED-Light-Source
- Photo and video documentation in Full HD

What the players in the field of minimally invasive medicine expect today from a camera is the combination of great resolution, natural color reproduction, high quality manufacturing, and the greatest ease of use possible. The LEMKE Full HD-Camera is the result of all these requirements. It produces sharp, true-color images, and is characterized by a high degree of user-friendliness. The Full HD-Camera provides targeted profiles that enable the diagnosis and treatment of the most important medical applications: laparoscopy, arthroscopy, hysteroscopy and urology.

The 3-in-1 solution, combining camera, light source and HD capturing, means only one device is needed. This saves space in the operating room and relieves budget pressures. Rounding out the benefits of the Full HD-Camera is a contemporary, sophisticated design. The compelling, reliable technology makes the LEMKE Full HD-Camera the perfect choice for demanding target groups.

We offer services worldwide for the Full HD-Camera.



The right product for the right market.

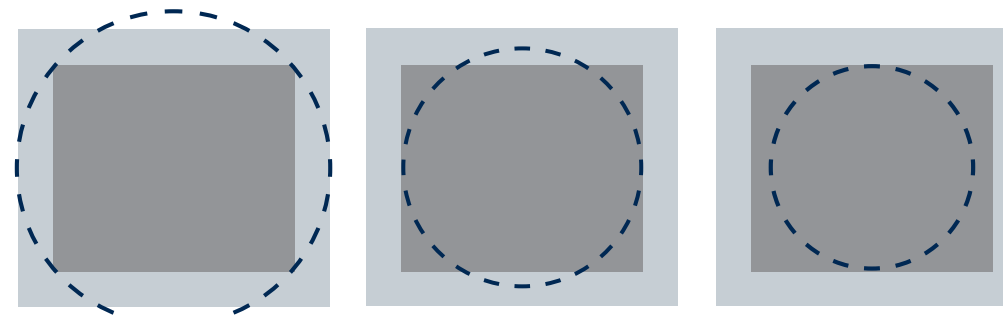
Videocoupler Zoom

- Focal length: 16-34 mm
- Parfocal*
- Brilliant optic
- Quick coupler
- Waterproof
- Autoclavable
- C-mount
- Ergonomic Design



Videocoupler Zoom, versatile application spectrum, parfocal*

One right coupler for optimum indication settings



LAP, 25 mm

ENT, 22 mm

ARTHRO, HYS, URO, 18 mm

Devices

Item No.	Description
HDC1100-L04	Full HD-Camera Head
HDC1100-L01	Full HD-Camera Control Unit, LED-Light Source, Full HD-Capturing

Accessories

Part No.	Description
ZOOM-L01	Videocoupler Zoom, Focal length = 16-34 mm (LAP, ARTHRO, HYS, URO, ENT), autoclavable
URO-L01	URO-Videocoupler 18 mm, 90°
ALC-L01	Adapter for light cable, Light Source, Olympus
ALC-L02	Adapter for light cable, Light Source, Storz
ALC-L03	Adapter for light cable, Light Source, Wolf
ALC-L04	Adapter for light cable, endoscope, Storz/Olympus
ALC-L05	Adapter for light cable, endoscope, Wolf
ALC-L06	Adapter for light cable, endoscope, ACMI
LC-L01	Light cable, 1.8 m, Ø 4.8 mm
LC-L02	Light cable, 2.3 m, Ø 4.8 mm
LC-L03	Light cable, 3.0 m, Ø 4.8 mm

Power supply cord and further accessories available upon request.

*A parfocal lens is a lens that stays in focus when magnification/focal length is changed.



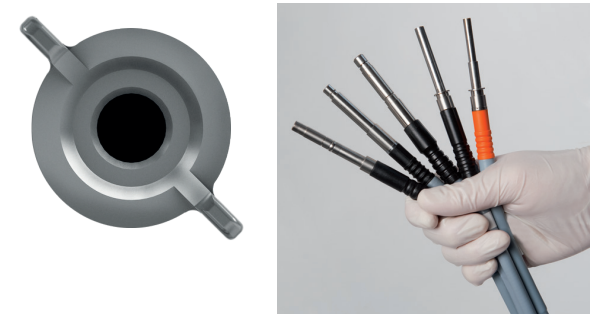
Full HD-Camera

The Camera head features an ergonomic design and is ideally suited for all indications. The pre-set application profiles make the camera a plug and play device. The brilliant image quality makes it the perfect camera for the main endoscopic applications. However, the user has the possibility to adjust the image as desired.



LED-Light Source

The LED-Light Source has a universal fiber optic cable receptacle compatible with Storz, Olympus, ACMI, and Wolf light cable adapters. The intensity of the Light Source is adjustable. The light intensity is 1,400 lumens. After an operating time of 10,000 hours, LEMKE guarantees a minimum light output of at least 90 %.



Full HD-Capturing

The capture unit comes with a USB flash/hard drive interface in which images and videos are recorded in Full HD quality. An external keyboard is used to conveniently input patient data. In addition, every image and video has a time stamp as well as the patient data on it. Through the "New Patient" function it is easy to separate cases and to summarize all videos and photos.

