



Model:

**OPTIKAM HDMI EASY**

Typology:

**MULTI-PURPOSE CAMERA**

Description:

*HDMI CS-mount camera***CAMERA SPECIFICATION**

PC camera resolution	5 MegaPixels
TV camera resolution	1 MegaPixels
Signal output	USB 2.0, HDMI
Audio Signal	NO
Sensor Size	1/2.33"
Sensor technology	Panasonic CMOS
Image format	16\9
Full Image size	2976 x 1674 (interpolated 4320 x 2430)
Pixel size	1,43 x 1,43 micron
USB Frame rate Full resolution	30 frames/sec on USB: 1280 x 720, 30 frames/sec on HDMI: 1280 x 720
USB Frame rate other resolutions	Always 30 frames/sec on USB : 640 x 480 , 800 x 600 , 1024 x 768
Sensitivity	0.7 V/Lux-Second at 550nm
Signal / noise ratio	40dB
Dynamic range	70 dB
Max Exposure time	Automatic
ADC conversion	12 BIT
Color Depth	8 BIT
ON board Memory	NO
External Memory Card	2GB MicroSD
External camera power	5V-12V 1000mA
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	650 nm
Automatic White Balance	Auto
Automatic Gain Control	Auto
Automatic Back light control	Auto
Exposure control	Auto
C-Mount connection	YES, available
CS-Mount connection	YES, ready

**ACCESSORIES**

CS-mount to C-mount Ring	SI
Optical adapters	NO
Adapters for Binocular & Monocular microscopes	NO
Calibration Slide	YES
Always Included	1.8 m HDMI cable, 1.8 m USB cable, power supply, MicroSD, Installation manual, CD Rom.

**SOFTWARE SPECIFICATION**

System requirements	Windows Vista / win7 / win8 / 32-64 bit / usb 2.0
Supplied Software	Optika Vision Lite
Driver types	No Driver (Microsoft Driver)
Capture features	Continuous auto white balance, continuous auto exposure, image size, image capture, compressed video capture
Control parameters	Automatic settings

**GENERAL CAMERA SPECIFICATION**

Working temperature	+0 up to +50°C
Storage temperature	-10 up to +50°C
Relative Humidity	up to 80%
Dimensions	5,6 x 5,5 cm Height: 6,5 cm
Weight	130 gr