

Microscope Camera for ultra high quality inspection.

The 4K UHD camera is remarkably fast with no less than 30 fps in 4K mode and 60 fps in 1080P mode. The HDMI outlet and cable makes it possible to connect to all screens, however the best result will be seen on a 4K UHD screen.

## Specifications

Model	HDMI-4K-DPX
Pixel Resolution	3840x2160
Frame Rate (fps)	30fps in 4K 60fps in FHD
Color Sensor	8.3 Megapixels
Sensor Format	1/1.9" Exmor Sensor
Pixel Size (µm)	1.85 µm



## SW HDMI Cameras

The SW HDMI camera is a high resolution color camera is packed with many innovative features to simplify your work.

It is the perfect solution for professionals in need of accurate measurement tool in fields of industry, research, medicine and science.

- Excellent for microscopy with fast live images and high-resolution still images
- Streaming-live video on monitor via HDMI, no need for a computer
- USB 2.0 and HDMI compatible
- Intuitive user interface with powerful and easy-to-use image capture and processing functions
- Built-in video recording
- Built-in advanced measurement



## Specifications

Model	SW HDMI
Image Resolution	3264 x 1840
Frame Rate (fps)	30fps (1920 x 1080 pixels) via USB 2.0 60fps (1920 x 1080 pixels) via HDMI
Color Sensor	6.0 Megapixels CMOS
Sensor Format	1/ 2.8" Diagonal 6.4mm
Pixel Size (µm)	2.8 x 2.8

## SW HDMI Cameras

The Invenio 5SIII, 5 Mega Pixels CMOS camera is designed to meet the demands of various applications in life- and material science. It offers: - High speed video streaming to the computer monitor



## Invenio SIII Cameras

Model	Invenio 5SIII	Invenio 10SIII
Pixel Resolution	2592 x 1944 5 MegaPixel	3584 x 2746 10 MegaPixel
Frame Rate	14fps in 2592x1944 30fps in 1280x960	7fps in 3584x2746 15fps in 1792x1372
Pixel Size (µm)	2.2 x 2.2	1.67 x 1.67
Sensor Size	1/2.5" CMOS	1/2.3" CMOS
Sensitivity	1.76v/lux-sec	0.31v/lux-sec
Shutter	Electronic Rolling Shutter	
Data interface	USB 3.0	

# Infinity X-32

The Infinity X-32TM is designed to satisfy the unique and varied demands of digital microscopy. It offers exceptional faststreaming video at an incredibly highresolution on the computer monitor as well as outstanding resolutions on still images.



## Infinity X-32

Model	Infinity X-32
Pixel Resolution	1616x1216 2 Million
Frame Rate	12fps in 1616x1216 14fps in 1280x1024
Pixel Size (µm)	4.4 x 4.4
Sensor Size	1/1.8" CCD
Sensitivity	ISO 200 to 3500
Shutter	Electronic Global Shutter
Data interface	USB 2.0

# Invenio Microscope Camera Series

This series of CCD and CMOS cameras are designed for use with digital microscopes in industrial, biomedical, scientific and forensic applications.

Available with resolutions up to 32MP. Included software provides easy-to-use image capture and processing functions.



## Invenio EIII Cameras

Model	Invenio 2EIII	Invenio 6EIII	Invenio 10EIII	Invenio 12EIII	Invenio 20EIII
Pixel Resolution	1920x1200 3.2 MegaPixel	3072x2040 6.3 MegaPixel	3840x2560 10.2 MegaPixel	4000x3000 12 MegaPixel	3840x2560 10.2 MegaPixel
Frame Rate	up to 45fps	15fps in 3072x2040 25fps in 1536x1024	15fps in 3840x2560 35fps in 1920x1280	20fps in 4000x3000 40fps in 2048x1080	15fps in 5440x3648 35fps in 2736x1824
Pixel Size (µm)	3.75 x 3.75	2.4 x 2.4	2.4 x 2.4	1.85 x 1.85	2.4 x 2.4
Sensor Size	1/1.9" Sony Exmor	1/1.8" Sony Exmor	2/3" Sony Exmor	1/1.7" Sony Exmor	1" Sony Exmor
Sensitivity	1120mv with 1/30s	425mv with 1/30s	462mv with 1/30s	280mv with 1/30s	462mv with 1/30s
Shutter	Electronic Rolling Shutter				
Data interface	USB 3.0				

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