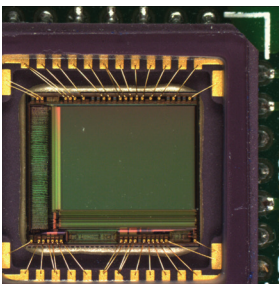
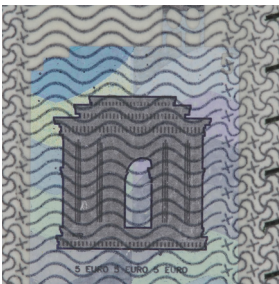


H4KAWSD08DPX

3 IN 1 MICROSCOPE CAMERA



- 4K resolution
- On screen measurement
- 4K Video record
- Digital Classroom with APP
- HDMI, USB, GE and WiFi
- Auto focus

H4KAWS08DPX Camera

DeltaPix H4KAWS08DPX Premium Microscope Camera.

High-resolution microscope camera with built-in motorized focus for uncompromising image quality and ease of use. The H4KAWS08DPX produces high-resolution images with vibrant natural colors suited also for critical applications like Pathology and likewise.

With the H4KAWS08DPX users can enjoy fast, comfortable, and user-friendly on-screen operation with motorized focus –

improving sample evaluation, and measurement, facilitating effective collaborations, and documentation in high resolution. For more advanced applications the user has the option to connect the camera to a PC via USB 3.0 or WiFi and use DeltaPix InSight in order to make further analysis and automatically extended focus images. Moreover, this camera provides a completely new platform for inspection applications making inspection easy and comfortable with its autofocus ability.

High-quality, cost-effective and flexible

The DeltaPix H4KAWS08DPX microscope camera has C-mount interface making them easily and cost-efficiently fitted on most standard microscopes. Additionally, it has multiple interfaces providing unmatched versatility for any use case.

User-friendly Camera

Plug and play – the HDMI interface provides high speed and ease of installation on any 4K monitor with HDMI input. No need for computer, because the H4KAWS08DPX microscope camera has a built-in software. Option to use it with PC software or Smartphone app.

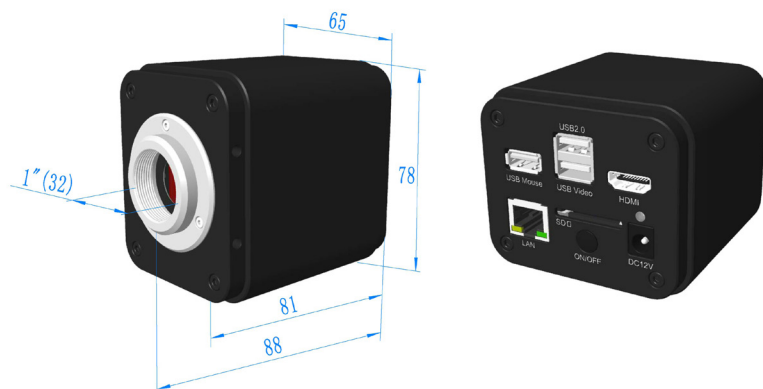
Applications

The H4KAWS08DPX camera provides multiple connection options making this series versatile and suitable for many applications.

Typical applications:

- Documentation and publishing
- Material science
- Metrology
- Quality control
- Dark Field
- Bright Field
- Fluorescence
- Semiconductor inspection
- Pathology
- Digital Classroom

Camera Dimensions



DeltaPix Build-in Software

The H4KAWS08DPX camera has the state of art software built-in software that provides a powerful platform for precise measurements,

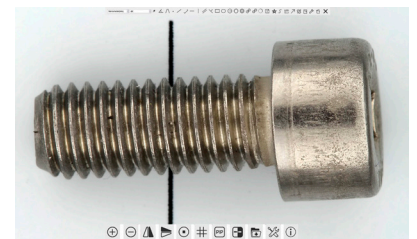
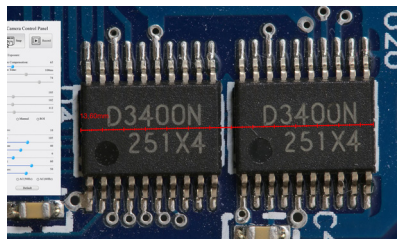
image capturing, and video recording.

Onboard measurement tools:

- Angle
- Four point angle
- Point
- Arbitrary line
- Three point line
- Horizontal line
- Vertical line
- Parallel
- Three point vertical
- Rectangle
- Curve

Camera Dimensions

- Ellipse
- Five point ellipse
- Three pint circle
- Center + radius circle
- Arc
- Text
- Polygon
- Annulus



DeltaPix InSight Software

All H4KAWS08DPX Include DeltaPix InSight Basic software which is a powerful platform for camera control, precise measurements, and analyses. DeltaPix InSight allows expansion with a multitude choice of optional modules, for a wide range of advanced applications with an easy-to-use user interface. Available functions in the optional modules are for example extended focus, HDR for wide dynamic images, 3D measurements/ 3D topography, Roughness measurement, stitching, Object Counting, and much more.

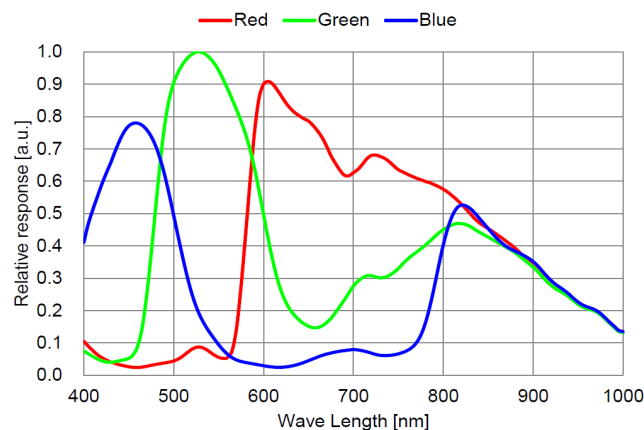
Technical Highlight H4KAWS08DPX:

- 1/1.8" Sony sensor
- 8.3 Megapixels
- Up to 60 FPS in HDMI
- Ultra-light sensitive
- Auto focus

Spectral Sensitivity

Spectral Sensitivity Characteristics

(Excludes lens characteristics and light source characteristics.)



Specifications

H4KAWS08DPX camera	
Camera model	H4KAWS08DPX
Live preview resolution	3840 x 2160 @60FPS (HDMI) 1920 x 1080 @60FPS (HDMI) 3840 x 2160 @30FPS (USB 3.0) 3840 x 2160 @30FPS (WiFi)
Video Record	4K
Still image resolution	8.3Mpixels (3840x2160)
Sensor size	1/1.8" Sony back illuminated Exmor sensors 7.68mm x 4.32mm
Pixel size	2µm x 2µm
Exposure	0.04ms~1000ms
Gain	0dB to 30 dB
Sensitivity	505 mv with 1/30s 0.13 mv with 1/30s
Shutter	Rolling
Auto focus	Yes
Lens Mount	C-Mount
White balance	Automatic or Manual
Data interface	HDMI2.0, USB 3.0, WiFi and GE
Software	Built-in, UI in English /Chinese / Korean / Thai / French / German / Japanese / Italian InSight Basic (Included) *Free Android APP
Data format and compression	Still image, JPEG or Tiff H264 encoded video
Minimum requirements	4K/Full HD monitor with HDMI input
Accessories	Mouse,32GB High speed SD card and 12V power supply.
Power	12V
Dimension	100 x 75 x 54mm
Weight	

10/2023

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