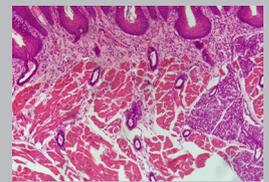




# H4KWS08DPX

3 IN 1 MICROSCOPE CAMERA

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



# H4KWSD08DPX

The H4KWSD08DPX produces high-resolution images with vibrant natural colors suited also for critical applications like Pathology and likewise plus it has a state of the art built-in measurement software providing highly effective measurement tools directly on the screen with no need for a computer.

With the H4KWSD08DPX users can enjoy fast, comfortable, and user-friendly on-screen operation – improving sample evaluation, 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, GE, or WiFi and use DeltaPix InSight in order to make further analysis. Moreover, this camera provides a completely new platform for educational applications because it can stream the video to android smartphones making it super easy to share images and videos with the students



## High quality, cost effective and flexible

The DeltaPix H4KWSD08DPX 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 H4KWSD08DPX microscope camera has a built-in software. Option to use it with PC software or Smartphone app.

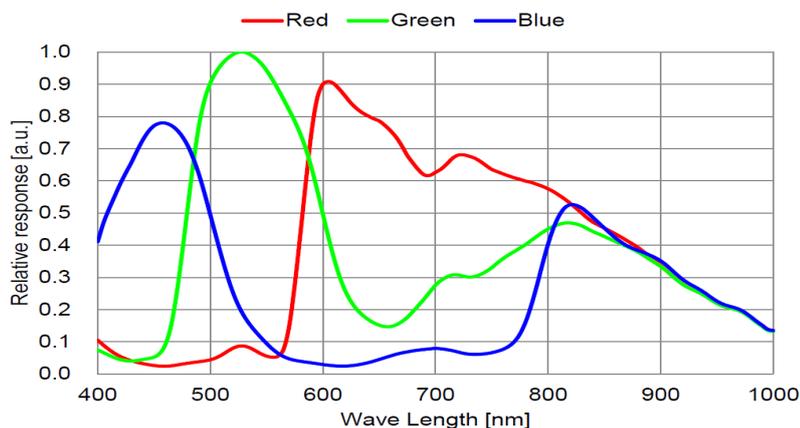


**Typical applications:** ✓ Documentation and publishing ✓ Material science ✓ Metrology ✓ Quality control ✓ Dark Field ✓ Bright Field ✓ Histology ✓ Pathology ✓ Semiconductor inspection ✓ Digital Classroom

## Spectral Sensitivity

### Spectral Sensitivity Characteristics

(Excludes lens characteristics and light source characteristics.)



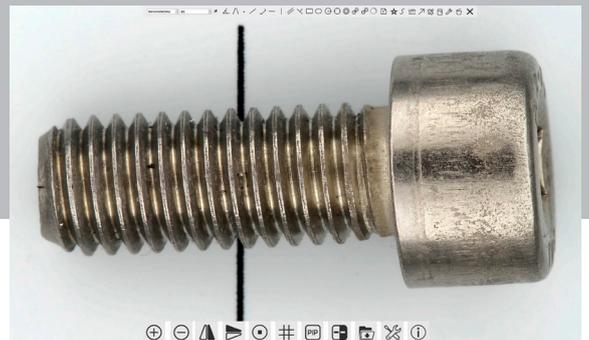
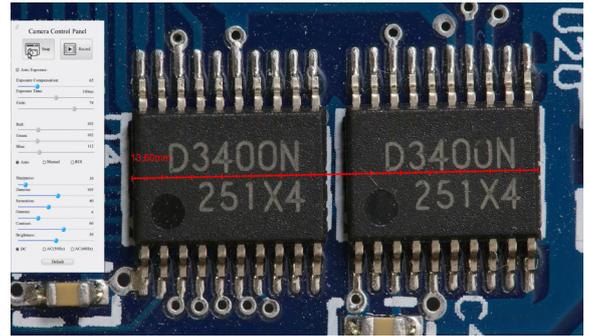
# Why choose H4KWSD08DPX?

## DeltaPix Build-in Software

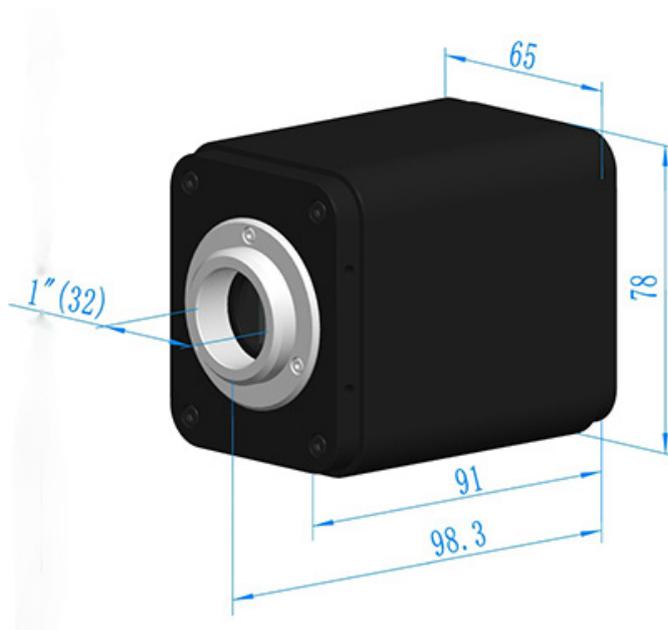
The H4KWSD08DPX camera has the state of art software built-in software that provides a powerful platform for precise measurements, image capturing, and video recording.

### Onboard measurement tools:

- Angle
- Four point angle
- Point
- Arbitrary line
- Three point line
- Horizontal line
- Vertical line
- Parallel
- Three point vertical
- Rectangle
- Curve
- Ellipse
- Five point ellipse
- Three point circle
- Center + radius circle
- Arc
- Text
- Polygon
- Annulus



## Camera Dimensions



# Features

H4KWSD08DPX	
	H4KWSD08DPX
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)
Still image resolution	8.3Mpixels (3840x2160)
Record video	4K Video
Software	Built-in, UI in English /Chinese / Korean / Thai / French / German / Japanese / Italian InSight Basic (Included) *Free Android APP
Sensor size	1/1.8" Sony back illuminated Exmor sensors 7.68mm x 4.32mm
Pixel size	2µm x 2µm
G Sensitivity Dark Current	505mv with 1/30s 0.1mv with 1/30s
Exposure mode	Automatic or Manual
Color balance	Automatic, Manual or ROI
Interface	HDMI2.0, USB 3.0, *WiFi and *GE
Data format	Still image, JPEG or Tiff H264 encoded video
Minimum requirements	4K/Full HD monitor with HDMI input
Accessories	Mouse, tripod mount adapter, 32GB High speed SD card and 12V power supply.

\*Coming soon

DeltaPix Aps, Hassellunden 16,  
DK-2765 Smorum Denmark  
Telephone:+45 46760205  
E-mail: [deltapix@deltapix.dk](mailto:deltapix@deltapix.dk)