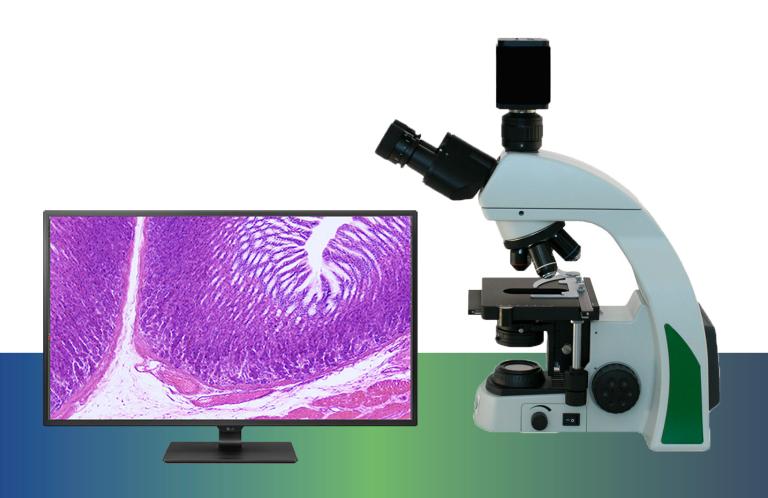


HDCAM7 High Definition 4K Microscope Camera 8 Megapixel Image Capture



Interface

With HDMI and USB this 4K high definition camera provides options for users.

- HDMI Output
- USB Output (USB Flash Drive Capture Option)
- SD Card Capture Option



Accessories

4K High Definition camera includes:

- HDMI Cable
- USB Cable
- Power Cord
- SD Card
- Software
- USB Mouse for On-Screen HDMI Control



Connect the HDCAM7 to a 4K capable monitor to experience the true 4K resolution.



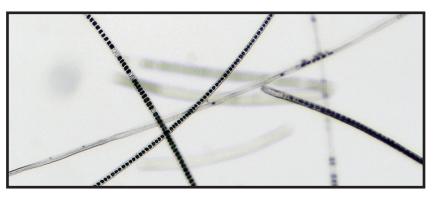


USB Computer Software Features

Camera	- a × 4	Video [EXCCD01400KPA]
💈 Camera List		0 2 4 6 8 10 12 14 16 18 20
EXCCD01400KPA	8	SALASS NOLUTED AND STREET
I Capture & Resolution		
Exposure & Gain	- 1	
White Balance		
Color Adjustment	- N	
Power Frequency (Anti-flicker)		SHILL B BEALE APPROVE STORE
- Frame Rate	- 00	
Color/Gray		
A Flip		
* Sampling		
Histogram		
# Misc	. 15	
Parameters		
🖉 Cam 😫 Fold 🔍 Und 🤮 Layer		
Measurement Sheet		
EXCCD01400KPA		Frame Rate: 15.0; Frame: 1766 1360 x 1024 🖙 40X: 628000 Micrometer x10

When using the camera with USB connection to a desktop or laptop computer, software features include:

- Image Capture (8 Megapixels), Motion Video Capture (PC only, will not work with MAC)
- Calibration & Image Measurement: Angle, Line, Circle, Ellipse, Rectangle, Arc, Polygon, etc.
- Image Stitching
- Exposure, Gain, White Balance, Color Adjustment, Frame Rate



Rabbit Hair





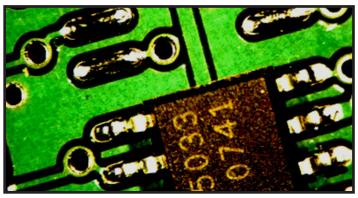
4K HDCAM7 On-Screen Features

HDMI On-Screen Menu and Features



When using the camera with a monitor, on-screen adjustments can be made with the mouse:

- Measurements
- Exposure, Gain, White Balance, Saturation, Brightness
- Sharpness, Denoise, Contrast, Gamma
- Image capture (8 Megapixels) to SD Card or USB flash drive
- Video capture to SD Card
- Image rotation
- Zoom
- Cross-Line Imposed Upon Image



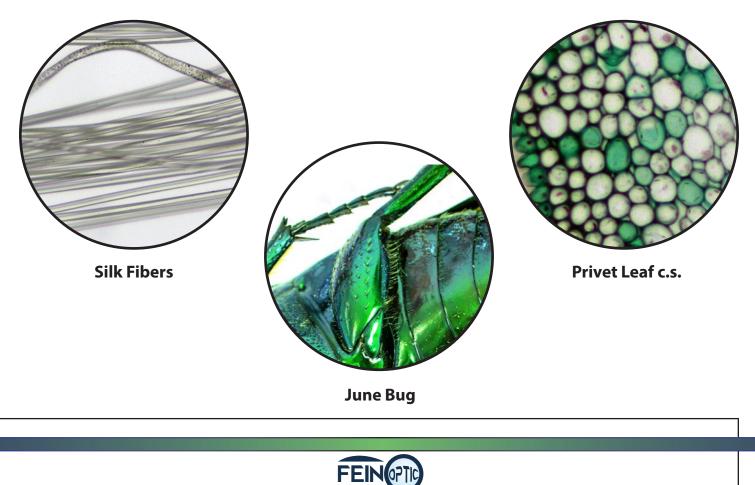
Printed Circuit

Hydrilla Verticillata





The HD Camera has 1" threads (c-mount) and is made from tough CNC aluminum alloy, ensuring a heavy duty solution. The camera uses a high quality IR-CUT filter to protect the camera sensor.



4K HDCAM7 Microscope Camera Specifications

Pixel Size2.0 x 2.0 μmResolution3840 x 2160Frame RatesHDMI: 30fps @ 3840 x 2160 4K resolutionBinning1x1Exposure0.1ms~1000sOutputHDMIUSB2.0Sensitivity505 mvPowerD(12V/2A, power on/off switch.PowerD(12V/2A, power on/off switch.BinningUSB Mouse for on-screen control.8 Megapixel Image Capture to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- 60fps to SD Card or USB Flash Drive, Video recording 50- forblar: Zoom, Mirror, Comparison, Freeze, Crossline, On-Monitor Measuring Toolbar: Zoom, Mirror, Comparison, Freeze, Crossline, On-Monitor MeasuringUSB ControlsCapture still images or motion video with software Netwer still or motion video Mistogram, darkfield correction. AnotationProtecting System for Software (USB)CPU equal or greater than Intel Core2 2.8GHz Memory: 4GB or more USB3.0 Port, Display of 19" or larger, 4K resolutionOperating Temp-0-So°COperating Temp-0-So°COperating Humidity-0-80	Image Sensor	1/1.8" Exmor Sony STARVIS IMX678(C)		
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Storage Humidity 10-60%RH	Storage Humidity	10-60%RH		
Size 88mm (3.46") W x 65mm (2.46") D x 78mm (3.07") H, 1lb.	Size	88mm (3.46") W x 65mm (2.46") D x 78mm (3.07") H, 1lb.		
Connection C-Mount Threads	Connection	C-Mount Threads		

