



# Moticam **4000** HDMI & USB

## ULTRA HD CAMERA

The HD affordable multi-tasking microscopy camera. The Moticam 4000 is dedicated to documentation of microscopic results with a clear focus on maximum colour fidelity and fast live image.

It does not require a computer for standard operation, as it comes with an on-board software that will allow you to use it through its HDMI port, and with a mouse connected to the USB port of the camera.



<https://www.motic.com/en/>

## 4K RESOLUTION CAMERA





## Moticam 4000 TECHNICAL SPECIFICATIONS

<b>Sensor</b>	IMX334
<b>Sensor Size</b>	1/1.8"(8.86mm)
<b>Imaging Area</b>	7.68 x 4.32mm
<b>Capture Resolution</b>	8MP
<b>Pixel Size</b>	2.0 x 2.0 $\mu$ m
<b>Scan mode</b>	Progressive
<b>Shutter mode</b>	Rolling Shutter
<b>G Sensitivity Dark Signal</b>	505 mv with 1/30s 0.1 mv with 1/30s
<b>Max. frames per second (fps*)</b>	USB: 30fps@3840*2160   30fps@1920*1080 HDMI: 20fps@3840*2160
<b>Image Capture</b>	JPEG/TIFF Format with 4K(3840*2160) Resolution in SD Card
<b>Video Record</b>	4K(30fps@3840*2160) H264/H265 encoded MP4 file in SD Card
<b>Exposure time</b>	0.04~1000ms
<b>Operating temperature</b>	From -10 to +50 Degrees Celsius non condensing
<b>Operating humidity</b>	30~80%RH
<b>Lens mount</b>	C-Mount
<b>Software</b>	MotiConnect for Android/iOS; Motic Images Plus 3.1 for Windows/Mac OS
<b>PC Requirements</b>	CPU: Intel Core2 2.8GHz or Higher Memory: 8GB or More Display: 19" or Larger Operating System: Windows 10/Mac OS X/Linux

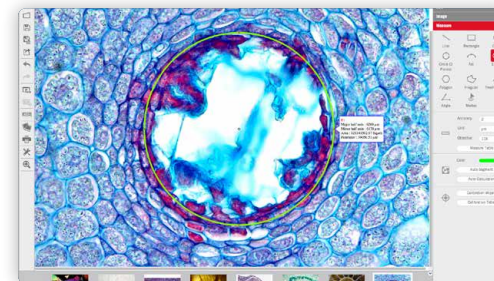
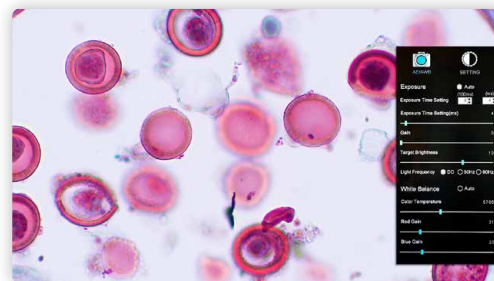
*\*frames per second under optimal illumination conditions*

### ON-BOARD SOFTWARE & MOTIC IMAGES PLUS 3.1 SOFTWARE

THE **[AllinOneBOX]** CONCEPT / Everything that you may need to work with your Moticam is included in one box

#### On-board Software

The Moticam 4000 has its own built-in software, making it possible to view live images, make image adjustments or edit them. You can also capture images or record videos directly from a screen with the help of a mouse, storing them in an SD card.



#### Motic Images Plus 3.1

By connecting your Moticam to your computer you will be able to work with our well-known software, that comes included in the package. View, capture, edit, measure, make reports... all its standard features and the new ones packed in a new user-friendly interface.