**Motic®**
MORE THAN MICROSCOPY

# Moticam 4000BMH HDMI &USB

## FULL HD CAMERAS

The Moticam 4000 BMH is a C-Mount multitasking microscopy camera, that delivers an impressive 1080p Full HD live image with maximum colour fidelity on an integrated LCD screen.

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 11.6" Full HD integrated screen, with a mouse connected to the USB port of the camera.

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

# FULL HD STANDALONE CAMERA

# Moticam 4000BMH   TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Sensor | IMX334 |
| Sensor Size | 1/1.8"(8.86mm) |
| Imaging Area | 7.68 x 4.32mm |
| Capture Resolution | 8MP |
| Scan mode | Progressive |
| Shutter mode | Rolling Shutter |
| Max. frames per second (fps*) | USB:   30fps@3840*2160  | 30fps@1920*1080 |
| | HDMI: 20fps@3840*2160 |
| Image Capture | JPEG/TIFF Format with 4K(3840*2160) Resolution in SD Card |
| Video Record | 4K(30fps@3840*2160) H264/H265 encoded MP4 file in SD Card |
| Screen | LCD 11.6" Full HD |
| Software | Motic Images Plus 3.1 for Windows/Mac OS |
| On-board software | **Standard tools** |
| (Camera connected through HDMI to a HD screen and through USB to a mouse) | Still image capture, Live image record, Zoom in & out, Magnifier, ROI, Mirror, Rotation, Split, Freeze, Cross line, Gallery. |
| | **Image adjustments (AE/AWB)** |
| | Auto/Manual Exposure mode, Gain, Target Brightness setting, Light Frequency, Auto/Manual White Balance mode. |
| | **Advanced settings** |
| | Saturation, Contrast, Gamma, Sharpness, Denoise, User settings, System's Time setting, Language (English, Chinese and Japanese), Format SD card. |

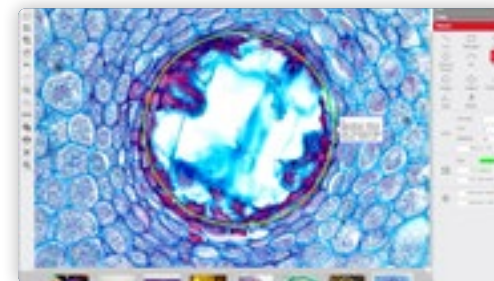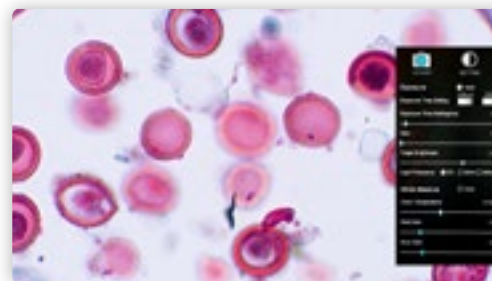*frames per second under optimal illumination conditions

*Design Change :The manufacturer reserves the right to make changes in instrument design in accordance with scientific & mechanical progress, without notice and without obligation.

## 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 BMH 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.