



Moticam 1080 HDMI &USB

FULL HD CAMERAS

The Full HD affordable multi-tasking microscopy camera. The Moticam 1080 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 by simply connecting it to a screen through its HDMI port, and with a mouse connected to the USB port of the camera.

FULL HD STANDALONE CAMERA























Moticam 1080

TECHNICAL SPECIFICATIONS

Sensor Type CMOS 1/2.8" Sensor Size Resolution 8.0 MP

Capture format (on SD-card) Still Image 3840 x 2160 (8.0MP) / Video Full HD 1920 x 1080

Live Display Mode (through USB) 1920 x 1080 (Full HD) @ 30 fps* Live Display Mode (through HDMI) 1920 x 1080 (Full HD) @ 60 fps*

> Pixel Size 2.8µm x 2.8µm

Data Transfer HDMI (1080p) and USB2.0

> Slot SD Card (max 32Gb)

Supported OS Microsoft Windows XP SP3/Vista/7/8/10 and MAC OSX & Linux

Minimum Computer Requirements 2GHz dualcore - RAM memory 2GB - Video memory min. 512 MB

> Lens Mount C-Mount

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.

CS Ring Adaptor, HDMI cable, Focusable Lens, 30mm and 38mm Package Includes

Eyepiece Adapters, USB 2.0 Cable, Calibration Slide, Macro Tube,

Motic Images Plus 3.0 for PC/OSX/Linux

*frames per second under optimal illumination conditions

ON-BOARD SOFTWARE & MOTIC IMAGES PLUS 3.0 SOFTWARE

On-board software

The Moticam 1080 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 3.0

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.



Canada | USA | Europe | China



www.moticmicroscopes.com

Motic Instruments, Inc. (Canada)

130-4611 Viking Way, Richmond, BC V6V 2K9 Canada Tel: 1-877-977-4717| Fax: 1-604-303 9043 info@motic-america.com

Motic Instruments USA Inc.

6508 Tri-County Parkway Schertz, TX 78154 USA Tel: 1-800-275-3716

Motic Europe (Spain)

C. Les Corts 12, Pol. Ind. Les Corts. 08349 Cabrera de Mar, Barcelona, Spain Tel: 34–93–756 6286 | Fax: 34–93–756 6287

Motic Incorporation Ltd. (Hong Kong)

Unit 2002, L20, Tower 2, Enterprise Sq. 5, 38 Wang Chiu Rd, Kowloon Bay, Kowloon

Tel: 852-2837 0888 | Fax: 852-2882 2792

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

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