

Digital microscope camera Moticam 2500

Moticam 2500 - 5.0 Megapixel Versatile Digital Microscope Camera with affordable documentation software

The Moticam 2500 is similar to the Moticam 2000 and 2300 units, but with the added benefit of super-fine 5 megapixel resolution. It incorporates full C-Mount compatibility, and the included adapters make it mountable on most microscopes. This unit outputs a high quality live image at full 5.0 megapixel resolution, plus it includes advanced linear and geometric measuring capability using the supplied Motic Images Plus capture software. The rugged metal housing makes this unit appropriate for use in both scientific and industrial environments, and should provide years of trouble-free operation. It is also easy to install and use. You will enjoy clear, detailed color images on your monitor or projector with a minimum of effort.



- 5.0 Megapixel, Crisp Images
- Compatible with Most Microscopes
- Rapid Live Imaging
- Includes Measuring Software
- Affordable documentation solution
- Live Scale-Bar, Grid and Scale-Cross
- PC/Macintosh Compatible



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Motic Images Plus 2.0

Multi-Language Application software Turn Images into Knowledge through Capture, Measurement, Editing, Amalgamation and Reporting tools Software for Macintosh OSX included where available

Motic Images Plus 2.0 is a Digital Microscopy Software Suite provided free of charge with most Motic Digital Microscopy items. Images Plus is available in Windows versions as well as OSX and contains powerful tools necessary in a wide range of applications from Educational to Professional Digital Microscopy. Users will find a familiar interface matched to either Windows or Macintosh OSX operating environments loaded with Measurement, Editing and Live Transmission features. This software package unlocks the potential of the microscope as a multi-media research, demonstration, hobby or analysis platform. With our own .sfc file format, users can easily create, send and edit multi-media images with voice narration and measurement tags. For those more forensic-minded, use the simple image comparison page to quickly compare images side by side.

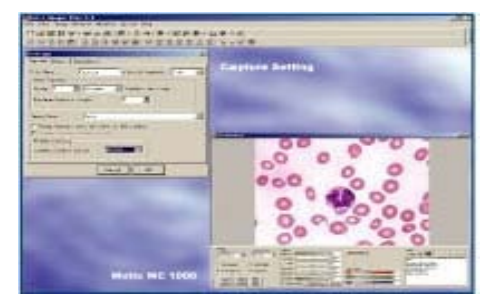
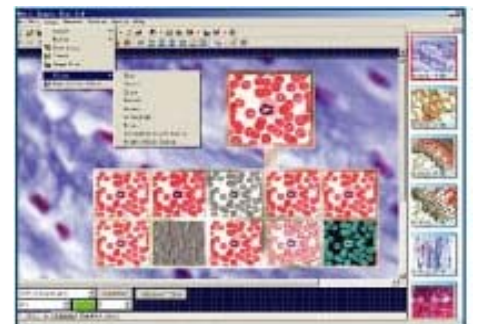
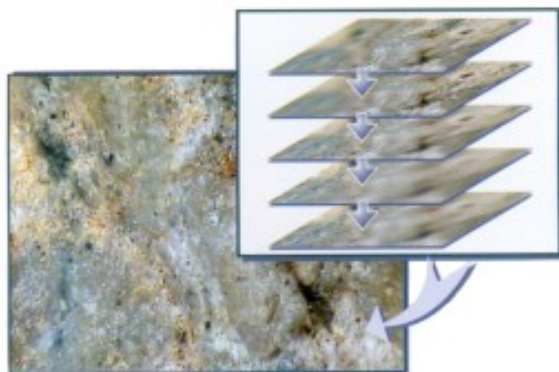
Features

This software package will allow any user of our Digital Solutions to quantify and learn from the microscope image.

- **Accurate Measurements**

Measuring and evaluating is as simple as a click of the mouse. Motic Measurements are easy to use and highly accurate thanks to a quick but necessary Calibration process using Motic's certified calibration slide.

Line, Circle, Rectangle, 3-Point Circle, 3-Point Arc, Polygon, Ellipse, Angle as well as Irregular shapes can be measured. All of the results are stored in a Measurement Table which can be exported to Excel with one click.





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- Image Enhancements**

With several filters, including a customizable filter, Motic Images Plus 2.0 allows the user to edit, enhance or change a captured image. Text, Stamp and Paint tools turn any captured image into a finished project or evaluation for presentation

- Multi-Media Imaging**

Our own SFC file extension allows a narrated sound file to be placed directly onto the image. Send a self-explanatory image with narration on several points by email to anyone.

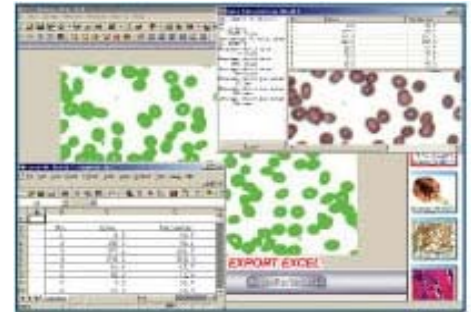
The SFC file also allows measurements or any image enhancements to be removed or changed at a later date.

- Counting**

An introductory counting function is also included with the software, allowing users to calculate objects in the image

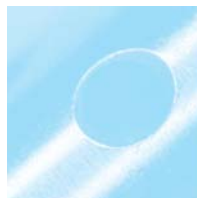
- Languages**

Windows: English, Spanish, French, German, Italian, Korean, Italian, Portuguese, Arabic, Chinese (Simplified & Traditional)
 Macintosh: English



Moticam 2500:
 with binocular microscope SZ61TR,
 Nikon Stand C-LEDS and Ryf NKL18
 illuminator, including HP Workstation
 and Eizo 21" screen





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The Moticam 2500 thoughtfully includes all of the necessary accessories to attach the camera to a wide range of microscopes. Its integral C-mount design allows compatibility with many types of high quality compound and stereo microscopes that use an industry standard C-mount connection. It is also compatible with 23mm or 30mm trinocular tube and ocular ports using the supplied high quality B&S Adapter. If you cannot or do not wish to remove the standard eyepieces, you can use the supplied direct-to-eyepiece couplers to attach the unit easily and securely onto a wide variety of microscope eyepieces. It even includes a convenient macro stand for easy imaging of small objects without a microscope!

The supplied Motic Images Plus software is a complete imaging suite that includes measurement, analysis and collaboration functions. These functions are useful for educational, industrial, or laboratory imaging. Auto-calibration of the measurement functions using the supplied calibration slide make taking accurate measurements a breeze, and the software includes a host of flexible geometric measuring options. Cross-platform compatibility with both Microsoft Windows and Macintosh OSX makes the Moticam 2500 one of the most versatile and convenient products in our product line. It is also fully TWAIN compatible, allowing simple integration with a wide range of commercial and scientific imaging software.

As with all the Moticams, the Moticam 2500 is an efficient and affordable digital microscope camera solution.



Specifications:	
Sensor	1/3" Live 5.0 Megapixel CMOS
Effective Pixels	2592 x 1944
Pixel Pitch	2.2µm x 2.2µm
Frame Rate	3.5 fps @ 2592 x 1944, 17 fps @ 1296 x 972, 26 fps @ 648 x 486
Shutter	Electronic
Minimum Illumination	3 lux
Scanning System	Progressive Scan
Dynamic Range	66.5 dB S/N
Lens Mount	C-mount
Image Output	Via software to PC
White Balance	Automatic
Data Output	USB 2.0
Power Supply	5V, self-powered by USB
Operating Current	200mA
Power Consumption	1 W
Included Accessories	12mm Focusable Lens, 28mm, 30mm, 34mm & 35mm Eyepiece Adapters, B&S Adapter (high quality ocular connection), Motic Certified, printed calibration slide
Included Software	Motic Images Plus 2.0ML for Windows, Motic Images Plus 2.0 for Macintosh OSX
Minimum System Requirements	Windows: Windows 2000/XP/Vista, 256MB RAM minimum, Pentium 4 processor or higher USB 2.0 Interface (required)

