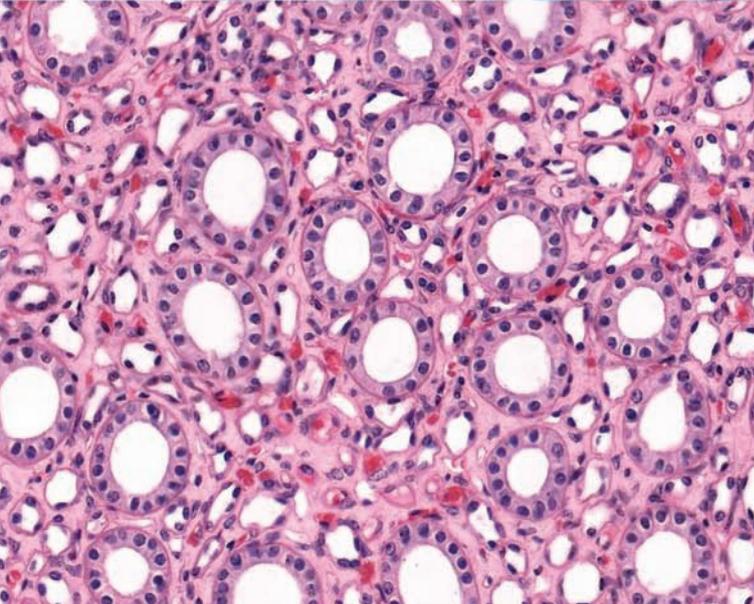
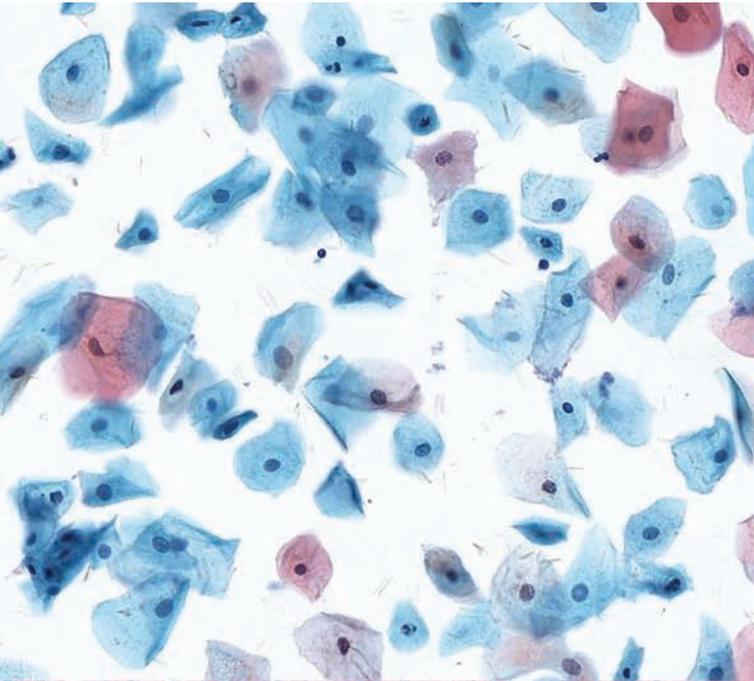


# Moticam Pro

CCD Powered  
Digital Microscopy



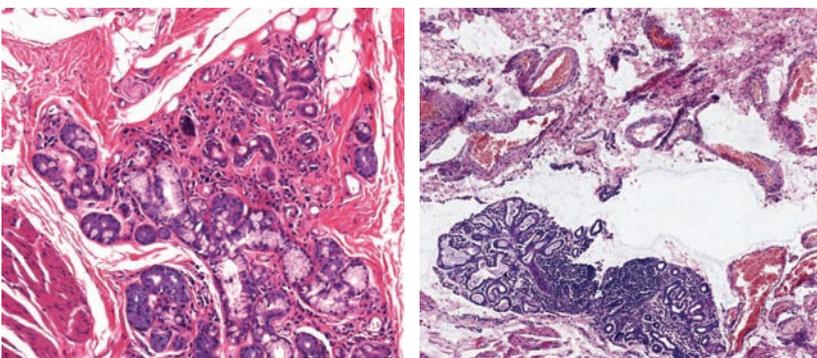
# Moticam Pro

## Powerful Imaging - Affordable Solution

For many years, our Moticam's unique 'From Box to Pics' approach has given a wide range of markets unprecedented access to affordable Digital Microscopy. Our new Moticam Pro series take this approach to the CCD level by offering as much as possible in a single box making this series our most powerful and flexible camera series yet.

## More than just the Camera

As with all other Moticams, the Pro series also contains many tools to get you started with the camera. Our MI Devices interface allows you to view and capture still and video images while having control over Color (RGB Gain and Brightness), Exposure as well as White Balance. Additional functions in this capture interface include a live Grid overlay, as well as horizontal/vertical scale bars which can be calibrated. The Moticam Pro also includes drivers that make the camera compatible with other third-party software that accept Twain devices. For those interested in creating your own special program or integrating the camera directly into a comprehensive software application system, simply register your device and download the SDK free of charge. If you currently do not have any application programs, don't worry as the Moticam Pro includes our full Motic Images Advanced 3.2 software package for Windows.



## Documentation or Live Imaging

The Moticam Pro series is composed of various high quality CCD-based cameras offering higher resolution for quick Documentation or larger Pixels for improved Signal-Noise ratio and true-to-life imaging.

## Connectivity and Compatibility

A single USB cord is all that is needed to provide both power to the camera as well as provide a signal link to the computer. With USB being the one of the most common interfaces available in almost all of the computers, you will not be looking for an extension or converter card. The Moticam Pro series is compatible with Windows XP/Vista and also with Mac OSX and can be used with any of Motic's professional software available such as Motic Trace (Forensic), Motic Net (Networked Classroom Management), Multi Focus or Image Assembly.

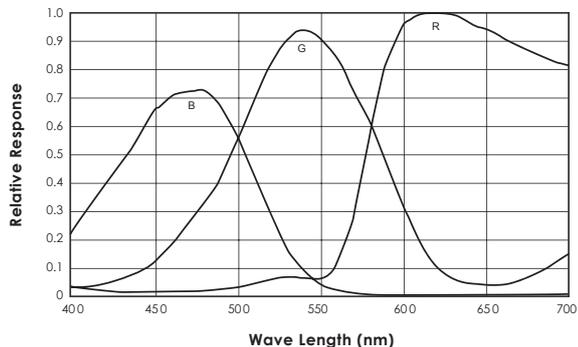
## On-board Technology

These cameras are designed and manufactured completely in-house in our labs in Canada and China and feature a 4 frame buffer as well as on-board image processing with the built-in Schott BG 40 bandpass filter further ensuring high-quality imaging. The Moticam Pro also features an external hardware trigger port (TTL) which can be used to trigger the camera or have the camera trigger an external device.

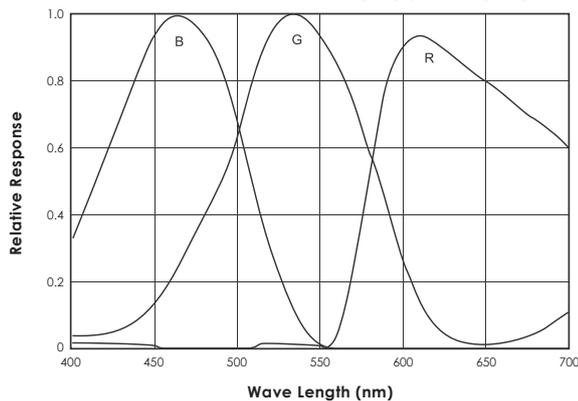
## Moticam Pro Models

Moticam Pro	252A	205A	205C	285A	285C
Colour / Monochrome	Colour	Colour	Monochrome	Colour	Monochrome
Resolution	2080 x 1542	1360 x 1024	1360 x 1024	1360 x 1024	1360 x 1024
Max. Frame Rate at Full Resolution	4.28fps	7.5fps	7.5fps	15fps	15fps
Image Sensor	ICX252AQ	ICX205AK	ICX205AL	ICX285AQ	ICX285AL
Sensor Size	1/1.8	1/2	1/2	2/3	2/3
Pixel Size	3.45 $\mu$ x 3.45 $\mu$	4.65 $\mu$ x 4.65 $\mu$	4.65 $\mu$ x 4.65 $\mu$	6.45 $\mu$ x 6.45 $\mu$	6.45 $\mu$ x 6.45 $\mu$
ADC Converter	12 bit				
Image Memory	4 frame buffer				
Shutter Settings	125ms-60sec				

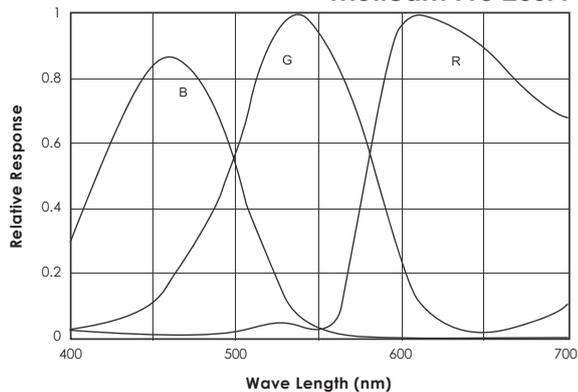
### Moticam Pro 285A



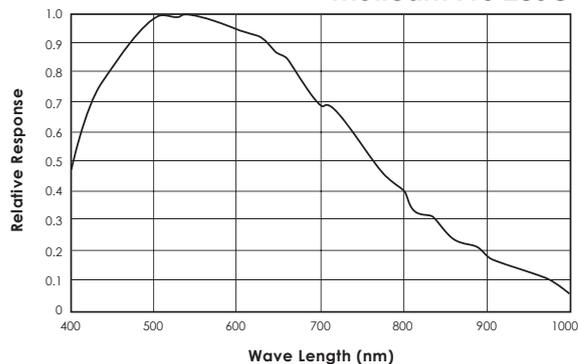
### Moticam Pro 252A



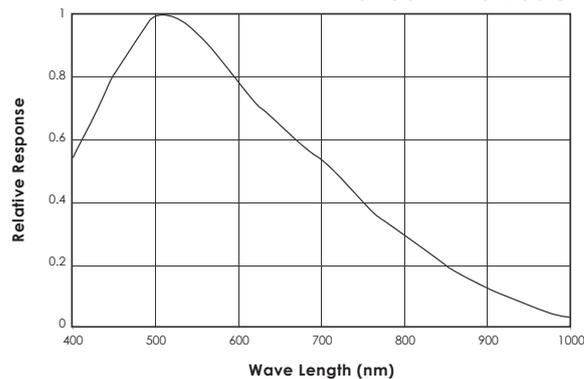
### Moticam Pro 205A



### Moticam Pro 285C



### Moticam Pro 205C



# Motic®

More Than Microscopy

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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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