



® Chongqing MIC Technology Co.,Ltd

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MIC-M14 with 14.0 megapixel

MIC Tech brings you the latest in imaging technology with the MIC-M14, a 14.0 megapixel digital color CMOS camera. It can be adapted to best suit imaging requirements with 5 different resolution options. Simply match the microscope's resolution to the camera's resolution. The final result is images that are created with outstanding color, clarity, and detail for a broad range of applications.

14 Megapixel CMOS Chip

The 4, 608X3, 288-pixel CMOS chip used in the MIC-M14 offers 12 bits per color channel and can be used for variable exposure times between 10 μ S and 800 ms. These features, along with the high sensitivity, color fidelity, and superior contrast make the MIC-M14 a great universal high-resolution color camera.

High Cost-effective

Designed to provide maximum versatility and cost-effectiveness, the MIC-M14 enables quick and precise setting of specimen and microscope. The fast live images, the outstanding CMOS technology, and the high resolution make it the first choice imaging solution for clinical, life science and educational professionals.

Features:

14.0 megapixels, progressive scanning CMOS sensor.

No compression, no interpolation.

Support still image capture (JPG, BMP) and dynamic AVI/MPEG4 image capture (optical)

USB2.0 interface, up to 480MPS, makes it easy to realize the connections between PC and the camera.

Easy-to-operate with strong compatibility operating software. Auto control of exposure, contrast, brightness, saturation, image size etc.

Offer excellent high-quality and high-resolution images.

Of middle and low cost.

Plug-and-use, external power no need.

Support Windows 2000/7 and XP

Standard C-Mount makes connection to any standard trinocular microscope, such as stereo zoom microscope, metallographic microscope.

Aluminum alloy shell, elegant, durable, heat eliminable.

MIC-M14 Camera Specifications

Sensor	1/2.3" color CMOS, 14.0 megapixels	Sensitivity	0.724 V/lux-sec (550nm)
Resolution	4608X3288(12bit)	Spectral Response	400nm~1000nm
Pixels Size	1.4μm*1.4μm	Data Interface	USB2.0 (480 Mbit / sec)
Frame Rate	2fps @ 4384 x 3288	Power Supply	DC 5V ± 5%
	7fps@2048x1536	Electricity	≈200 mA
	10fps@1280x960		
	16fps@1024x768		



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	18fps@640x480		
Shutter	Electronic	White Balance	Manual/Auto
S/N Ratio	35.5dB	Exposure control	10μ s– 800ms, Auto exposure
Scanning Mode	Progressive scanning	Software	Display/Film/Video
Operating Temp.	-30° C ~ 70° C	Application	microscope imaging, general image capturing, microphotography, etc.

MIC-M9 High-resolution CMOS Camera

MIC Tech MIC-M9 is a high-resolution digital microscope camera system for a broad range of microscopy image acquisition. It can work with any standard trinocular biological microscope, stereo microscope, metallurgical microscope for photomicrography. Fast transmission, great color reproduction, high-resolution image, convenient storage, etc. MIC-M9 possesses such great advantages that it can be widely used in industrial QC, teaching&research, material analysis, machine vision. MIC-M9 allows you to make the original complex work easy, fun and efficient.

9 Megapixel CMOS Chip

The 3,488 x 2,616-pixel CMOS chip used in the MIC-M9 offers 12 bits per color channel and can be used for variable exposure times between 10 μs and 32 ms. These features, along with the high sensitivity, color fidelity, and superior contrast make the MIC-M9 a great universal high-resolution color camera.

Color Reproduction

One of the MIC-M9's remarkable attributes is its real-time true color reproduction to ensure highest color fidelity. This guarantees superb image quality with natural colors as seen through the microscope eyepieces

Key parameters:

9.0 megapixels, progressive scanning CMOS sensor.

No compression, no interpolation.

Support still image capture (JPG, BMP)

USB2.0 interface, up to 480MPS, external power no need.

Standard C-MOUNT, durable aluminum alloy casing.

Features:

9.0 megapixels, providing excellent high-quality and high-resolution images

USB2.0 design makes it easy to realize the connections between PC and the camera.

The application software interface is much simple too.

Standard C-Mount makes connection to any standard trinocular microscope, such as stereo zoom microscope, metallography microscope.

Easy-to-operate with strong compatibility operating software. Auto control of exposure, contrast, brightness, saturation, image size etc.

Support video functions, easy to preserve and transfer. Added a projector, MIC-M10 can be used to teaching and presentation too.



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MIC-M9 Camera Specifications

Sensor	1/ 2.3" CMOS	Sensitivity	0.44 V/lux-sec (550nm)
Resolution	3488x2616(12bit)	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	1.75μm x 1.75μm	Power Supply	DC 5V ± 5%
Frame Rate	2fps @ 3488 x 2616	Electricity	≈200 mA
	30 fps@640x480	White Balance	Manual/Auto
Shutter	Electronic	Exposure	10μs–32ms,Auto exposure
		control	
S/N Ratio	40.5dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	-30°C ~ 70°C

MIC-M55 CMOS Microscope Camera with 5 megapixel

MIC-M55 is a 5.0 megapixels digital microscope camera, researched and developed by Micro-shot company. Successful high-resolution and rapid data transfer enable MD55 to be popular with customers from industrial, medical, traffic and mechanical vision fields etc.

Key parameters:

1/ 2.5" progressive scanning Sensor.

9 fps at 2592x1944 pixel; 22 fps at 1024x768 pixels.

USB2.0 interface, up to 480MPS.

Standard C-MOUNT.

Support WINDOWS 2000/XP.

Features:

1/ 2.5" progressive scanning CMOS sensor comes with 5.0 dynamic megapixels;

Auto control of exposure, contrast, brightness, saturation, image size etc.

USB2.0 design makes it easy to realize the connections between PC and the camera.

The application software interface is much simple too.

Compatible with WINDOWS 2000/XP operating system;

Smooth connection to standard C-mount interface and other custom lens;

Video function. Compressed mode available; it makes store and transfer easy.

MIC-M55 Camera Specifications

Sensor	1/ 2.5" CMOS	Bing	2x,4x
Resolution	2592x1944(5.0 Mpix)	Data Interface	USB2.0
Pixels Size	2.2μm x2.2μm	Pixel Clock	48 MHz
Frame Rate	9fps@2592x1944	Optical Interface	C Interfaces(TV 0.5x)
	22fps@1024x768	White Balance	Manual/Auto one-touch
Shutter	Electronic	Exposure	75μs–3s,Auto exposure
		control	
S/N Ratio	68dB	Software	Display/Film/Video/Measure/R eport
Scanning Mode	Progressive scanning	Readout noise(typical)	4 LSB (RMS)



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MIC-M5 CMOS Microscope Camera with 5 megapixel

MIC Tech MIC-M5 is an easy-to-operate digital microscope camera system with wonderful color rendition. The 5.0 megapixel camera comes with fast transmission, great color reproduction, highly clear images, ease of storage, ideal for static and dynamic image acquisition and processing in areas of electronics, textile, printing, medical, teaching, forensic and scientific research. The accompanied image acquisition and processing software comes with friendly interface, you can adjust the color, exposure, and white balance without any difficulty. And what's more, the image software can even measure and analyze the images and generates reports.

Key parameters:

5.0 megapixels, progressive scanning CMOS sensor.

No compression, no interpolation.

Support still image capture(JPG,BMP)

USB2.0 interface, up to 480MPS, external power no need.

Standard C-MOUNT, durable aluminum alloy casing.

Feature:

5.0 megapixels MIC TECH MD50 uses a 2592x1944 pixel color CMOS

Interfaced to a computer via USB2.0 technology for rapid image download.

It uses a 12-bit analog to digital converter, recording subtle color differences important for accurate color reproduction. The result is images with outstanding color and fine detail.

Plug-to-use, no need for extra power

Easy store and recall feature allows the user to retrieve the same settings for further analysis or comparison.

MIC-M5 Camera Specifications

Sensor	1/2.5"CMOS	Sensitivity	0.53 V/lux-sec (550nm)
Resolution	2592x1944(12bit)	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	2.2μm x 2.2μm	Power Supply	DC 5V ± 5%
Frame Rate	5fps@2592x1944	Electricity	≈200 mA
	12fps@1280x960	White Balance	Manual/Auto one-touch
	20fps @640*480		
	17fps @1024*768		
Shutter	Electronic	Exposure control	10μs–32ms,Auto exposure
S/N Ratio	44dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	-30°C ~ 70°C



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MIC-M3 CMOS Microscope Camera with 3 megapixel

Combining the advanced optical microscopy and computer image processing technologies, MIC Tech proudly presents you the economical digital cameras MIC-M3. With the design of large arrays of photosensitive CMOS and auto exposure, MIC-M3 is compatible with any microscope to work as a digital microscope. Nowadays, it is widely used in industrial QC, health care, teaching and research fields.

Key parameters:

3.0 megapixels, progressive scanning CMOS sensor.

No compression, no interpolation.

Support still image capture(JPG,BMP)

15 fps at 1600x1200 pixel; 30 fps at 800x600 pixels.

USB2.0 interface, up to 480MPS, external power no need.

Standard C-MOUNT.

Feature:

Interfaced to a computer via USB2.0 technology for rapid image download.

3.0 megapixels with progressive scanning CMOS image sensor.

Plug-to-use, suitable for shooting of any standard biological, stereo and metallurgical microscopes.

Ease of operation, only take 5 minutes to master the friendly software.

Standard C-Mount makes connection to any microscope easy. Macro lens setups are also supported

Fully integrated package with digital camera and imaging software for managing your imaging work flow.

Data can be shared, stored and edit, real-time preview function offers you the greatest experience with the microscope.

Video taping is available, simple to store and transfer when compression mode is selected;

MIC-M3 Camera Specifications

Sensor	1/ 2" CMOS	Sensitivity	1.0 V/ lux-sec (550nm)
Resolution	2048×1536(10bit)	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	3.2μm×3.2μm	Power Supply	DC 5V ± 5%
Frame Rate	8fps @ 2048*1536	Electricity	≈200 mA
	40fps @ 640*480	White Balance	Manual/Auto one-touch
	15fps @ 1024*768		
Shutter	Electronic	Exposure control	10μs-32ms,Auto exposure
S/N Ratio	43 dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	0°C ~ 60°C



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MIC-M2 CMOS Microscope Camera with 2 megapixel

MIC Tech MIC-M2 is a 2.0 megapixels digital microscope camera, researched and developed by Micro-shot company. Successful high-resolution and rapid data transfer enable MIC-M2 to be popular with customers from industrial, medical, traffic and mechanical vision fields etc.

Key parameters:

1/ 2" progressive scanning Sensor.

10 fps at 1600x1200 pixel; 40 fps at 800x600 pixels.

USB2.0 interface, up to 480MPS.

Standard C-MOUNT.

Support WIN XP/WIN7.

Features:

1/ 2" progressive scanning CMOS sensor comes with 2.0 dynamic megapixels;

Auto control of exposure, contrast, brightness, saturation, image size etc.

USB2.0 design makes it easy to realize the connections between PC and the camera.

The application software interface is much simple too.

Compatible with WIN XP/WIN7 operating system;

Smooth connection to standard C-mount interface and other custom lens;

Video function. Compressed mode available; it makes store and transfer easy.

MIC-M2 Camera Specifications

Sensor	1/ 2" CMOS	Sensitivity	1V/lux-sec (550nm)
Resolution	1600x1200(10bit)	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	3.4μm x 3.4μm	Power Supply	DC 5V ± 5%
Frame Rate	10fps@1600x1200	Electricity	≈200 mA
	40fps@800x600	White Balance	Manual/Auto one-touch
Shutter	Electronic	Exposure control	10μs-32ms,Auto exposure
S/N Ratio	54dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	0°C ~ 50°C



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MIC-M1 CMOS Microscope Camera with 1.3 megapixel

The MIC Tech MIC-M1 1.3 megapixels digital color camera is designed for cell biology, developmental biology, and clinical examination. The USB2.0 interface produces fast transfer rates .It means that MIC-M1 provides you with a smooth real time display for image previewing on your desktop monitor or laptop, while providing excellent high-quality and high-resolution images.

Key parameters:

1/ 2" progressive scanning CMOS Sensor;

15 fps at 1280x1024 pixel ;30 fps at 640x480 pixel .

USB2.0 interface.

Standard C-MOUNT

Support WIN XP/WIN7

Features:

Connect easy. The USB2.0 design of MIC-M1 professional digital microscope Camera makes it easy to realize the connections between PC and the camera.

Simple operation. The application software of MIC-M1 have strong compatibility and simple interface. Auto control of exposure, contrast, brightness, saturation, image size etc.

Data share, store and edit. Images can be previewed from the screen and users can also share, store and edit the data. Added a projector, MIC-M1 can be used to teaching and presentation too.

Video function. Compressed mode available; it makes store and transfer easy.

MIC-M1 Camera Specifications

Sensor	1/ 2" CMOS	Sensitivity	1.8V/lux-sec (550nm)
Resolution	1280x1024(10bit)	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	5.2μm×5.2μm	Power Supply	DC 5V ± 5%
Frame Rate	15fps@1280x 1024	Electricity	≈200 mA
	30fps@640x480	White Balance	Manual/Auto one-touch
Shutter	Electronic	Exposure control	10μs–32ms,Auto exposure
S/N Ratio	45dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	-10°C ~ 70°C
Storage Temp	-10°C ~ 80°C	Humidity	40 % ~ 90 %