Magnüs

Microscope Cameras

From high-end scientific UHCCD cameras, to affordable routine use cameras, Magnus offers a wide range of high performance cameras to suit the needs of various users. All Magnus cameras come with an extremely powerful, intuitive and user-friendly imaging software with advanced image processing and management capabilities to help explore the full potential of Magnus Microscope Cameras.

- USB2.0 interface ensuring high speed data transmission
- Perfect color reproduction capability
- Advanced video & image processing application
- Custom programmable
- Integrated metal alloy housing

Models	UCMOS 3 megapixels	UCMOS 5 megapixels	UCMOS 10 megapixels	UHCCD 1.4 Megapixels
Applications	Brightfield			Fluorescence
Sensor Size (mm)	1/2"(6.55x4.92)	1/2.5"(5.7x4.28)	1/2.3"(6.44x4.616)	1/2" (7.60x6.20)
Sensor type	Aptina CMOS sensor			Sony Super HAD CCD sensor
FPS / Resolution	8@2048x1536 43@680x510 22@1024x768	5@2592x1944 60@640x480 18@1280x960	1.9@3584x2748 27@896x684 8@1792x1374	15@1360x1024
Binning	1x1,2x2,3x3	1x1,2x2,4x4	1x1,2x2,4x4	1x1
Spectral Range	380-650nm (with IR-filter)			
White balance	ROI White Balance/ Manual Temp-Tint Adjustment			
Image Processing and Enhancement	Image calibration, Measurement, Image Control, Adjust & Capture functions.			
Power Supply	DC 5V over PC USB Port			
Software Environment	Operating System: Support Microsoft Windows 7 / 8 (32 & 64 bit), CPU: Equal to Intel Core2 2.8GHz or Higher, Memory: 2GB or More, USB port: USB2.0 High-speed Port, Display: 17" or Larger & CD-ROM			
Microscope Adapters (designed & fabricated according to model of the microscope)	C-mount eyepiece adapter (For any Binocular / Trinocular microscope of F.O.V 18mm) C-mount eyepiece adapter + STR adapter(For any Binocular microscope of F.O.V 22/23mm) C-mount 0.5x Tr-adapter (For any Trinocular microscope of F.O.V 20mm) The camera can be direcItly mounted on the Zoom stereo microscopes having in-built C-mount adapters (e.g MSZ-TR / SZ61-TR). No additional adapter required.			

SCIENTIFIC GRADE MICROSCOPE CAMERAS
FOR EDUCATION, LABORATORIES & RESEARCH APPLICATIONS