



USB Microscope Camera

Excellent microscope camera series for routine microscope imaging and documentation.



Features & Benefits

- High performance and price ratio
- USB high speed video transmission up to 30 fps
- Excellent auto white balance and color reduction
- Driver-free and plug and play, no fear of system upgrade and reinstallation
- Pixit Pro software with measurement and image processing tools
- Compact design, sturdy aluminum housing case
- Compatible with third-party imaging software

Specifications

Camera model	MC500-G3	MC4K
Coupler type	C-mount	C-mount
Resolution	5.0 MP (2592x1944)	8.0 MP (3840x2160)
Sensor type	Aptina CMOS AR0521	SONY CMOS IMX334
Shutter type	Electronic rolling shutter	Electronic rolling shutter
Sensor size	1/2.5"	1/1.8"
Pixel size	2.2μm x 2.2μm	2.0μm x 2.0μm
Dynamic range	74.3dB linear, >96dB interlace	>72dB (Non-HDR mode)
SNR	40dB	≥ 56dB
Spectral response	380~650nm	380~650nm
Exposure	3.9ms~320ms, Automatic, Manual	3.9ms~320ms, Automatic, Manual
White balance	Real-time Automatic, Single Automatic, Manual	Real-time Automatic, Single Automatic, Manual
Frame rate	30fps @ 2592x1944	30fps @ 3840x2160
Record format	Image capture format: JPG, BMP, PNG, TIFF, PDF Resolution: 2592x1944, 1920x1080, 1024x768, 640x480 Video record format: MJPG format AVI file Resolution: 1920x1080, 1024x768, 640x480	Image capture format: JPG, BMP, PNG, TIFF, PDF Resolution: 3840x2160, 2592x1944, 1920x1080, 1024x768, 640x480 Video record format: MJPG format AVI file Resolution: 1920x1080, 1024x768, 640x480

Dimensions

