

# MD30-2

High Cost-effective Microscope Camera





It can be connected to any standard trinocular bio-microscope, stereo microscope and metallurgical microscope to achieve convenience microscope imaging. With advantages of high transmission speed, good color rendition, clear image and easy storage, etc. MD30-2 is widely used in the field of microscopy for industrial quality management, teaching, material analysis, clinical examination and machine vision, etc. This digital camera makes the complex work become easy, interesting and can be finished efficiently.

## Features of MD30-2 CMOS Camera:

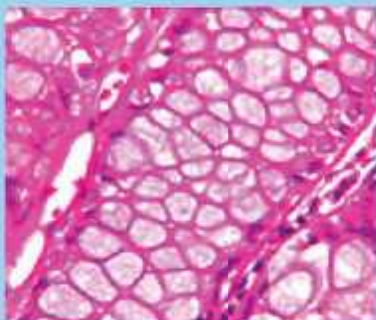
Hi-speed USB2.0 data interface, up to 480Mb/s;

Real 3.0 megapixel progressive scanning color CMOS sensor, no compression, no interpolation;

Wide dynamic range, supports static image capture (JPG, BMP);

Plug and play, no need of external power supply;

Support standard C-mount lenses and all kinds of customized lenses, rigid and durable aluminum shell.



## Parameter:

Sensor	1/2" color CMOS, 3MP	Sensitivity	1.0 V/lux-sec (550nm)
Resolution	2048×1536(10bit) effective	spectral response	400nm~1000nm
Pixels Size	3.2μm×3.2μm	Data Interface	USB2.0(480Mbit/sec)
Frame Rate	8fps @ 2048×1536	Power Supply	DC 5V ± 5%
	40fps @ 840×490	Electricity	~200 mA
	15fps @ 1024×768		
Shutter	Electronic	White Balance	Auto/Manual/One push auto
S/N Ratio	43 dB	Exposure control	10μs~32s, Auto exposure
Scanning Mode	Progressive scanning	Software	Image Display/Capture/Video
Operating Temp	0° C ~ 60° C	Applications	Micro imaging, Common image acquisition, Macro Imaging