

USB-10MC – 10 Megapixel High Resolution CMOS USB 2.0 Camera

Features

- 10 Megapixel resolution (3856 H x 2764 V pixels)
- 1/2.3 inch Micron sensor
- Maximum frame rates:
 - 3fps (3856 x 2764)
 - 25fps (1280 x 1024)
 - 30fps (640 x 480)
- USB 2.0 interface
- Progressive scan
- Electronic rolling shutter
- Software included
- C-mount or CS-mount adapter
- Compact size

Applications

- Microscopy
- Medical and Scientific Imaging
- High Resolution Graphics Capture
- Machine Vision and Metrology

Ultra High Resolution, Ultra Low Cost. Ten Megapixel Color CMOS USB 2.0 Camera, C or CS Mount. For Microscopy, Machine Vision, Inspection, Metrology, and Scientific Applications.



Specifications

Sensor	Micron
Sensor type	MT9J001
Sensor size	1/2.3 inch
Pixel size	1.67 μm x 1.67 μm
Resolution	3856 H x 2764 V
Filter	RGB Bayer
Lens interface	C/CS mount
Maximum frame rate	3 fps (3856 x 2764) 25 fps (1280 x 1024) 30 fps (640 x 480)
RGB	8 bit
Exposure control	Automatic/Manual
Exposure time	1ms-0.3S
White balance	Automatic/Manual
Sensor format	Progressive scan

Shutter	Electronic Rolling shutter
Sensitivity	0.44V/LuxS (550nm)
S/N ratio	40.5 dB
Dynamic range	>63 dB
Controlling	image size, bright, gain, exposure time, RGB
Data interface	USB2.0 / 480 Mb/s
USB cable	2.5 meter
Supply electricity	USB 2.0
Dimensions	65mm x 86mm x 37mm (HXBXT)
Weight	220g
Operational temperature	0-60°C
Operational humidity	10-90%
Storage temperature	-20-70°C

Ordering Information

USB-10MC: 10 Megapixel Color CMOS Camera

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