



## 5MP CMOS USB 3.0

### VCUSB3-5MP Color

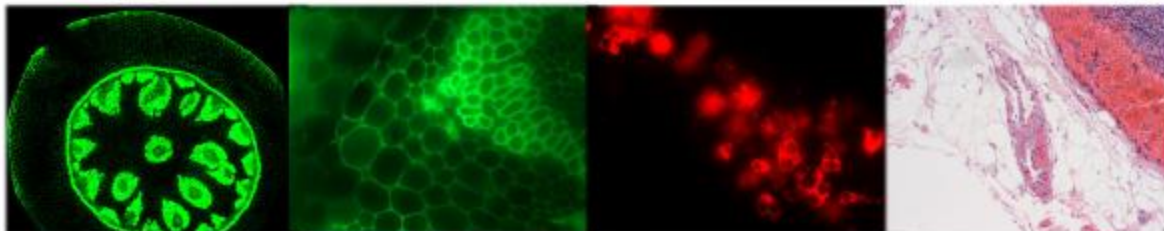
Ultra Resolution  
2592(H) x 1944(V)

#### Key Features

- USB3.0 Interface
- 5MP High Resolution
- 1/2.5" CMOS Sensor
- Max 14FPS (2592X1944 pixels)
- 2.2umX2.2um pixel size
- 10Bit and 8bit RGB
- Dynamic Range 60db
- C-mount
- Operation Temp -0C to 60C

#### Applications

- AOI, SPI and 2D 3D inspection
- X-Y Measurements and X-ray inspections
- Gel Documentations
- Microscopy
- Pathology



## Specifications:

- Image sensors	1/2.5" Colour/BW 5.0 Mega CMOS
- Pixel dimension	2.2µm x 2.2µm
- Resolution Ratio	2592 x 1944
- Scan method	Progressive scan
-	1.4V/lux-sec(550nm)
- Frame rate	14fps@2592 x 1944,30fps@1920 x 1080,36fps@1280 x 960 ,ROI
- Shutter	Electronic shutter
- SNR	44dB
- Spectral response	400nm~1000nm
- Data interface	USB 3.0,5Gbps,3M cable
- Power	DC 5V ± 5%
- Current	≈500 mA
- White balance	Manual/Auto one-key white balance
- Auto exposure control	36µs~300µs,Manual/Auto exposure
- Lens mount	C Mount
- Busy indicator	LED
- Working temperature	0°C ~ 60°C
- Working humidity	0-85%
- Software	SpectrumSe image analysis software with modular designing,including image previewing,capturing,analysing,processing,sharing fuction.It gives users the latest image processing experiences.  The software fuction:image capturing,time lapse,measuring,data exporting, image mosaic,depth of field overlaying,text instruction inserting,etc.

### AI Sabeh

Phone: 714-296-5768, Fax: 858-613-1815



Visions Connection

11409 West Bernardo Court, San Diego, Ca. 92127

[AI@visionsconnection.com](mailto:AI@visionsconnection.com)

[www.Visionsconnection.com](http://www.Visionsconnection.com)