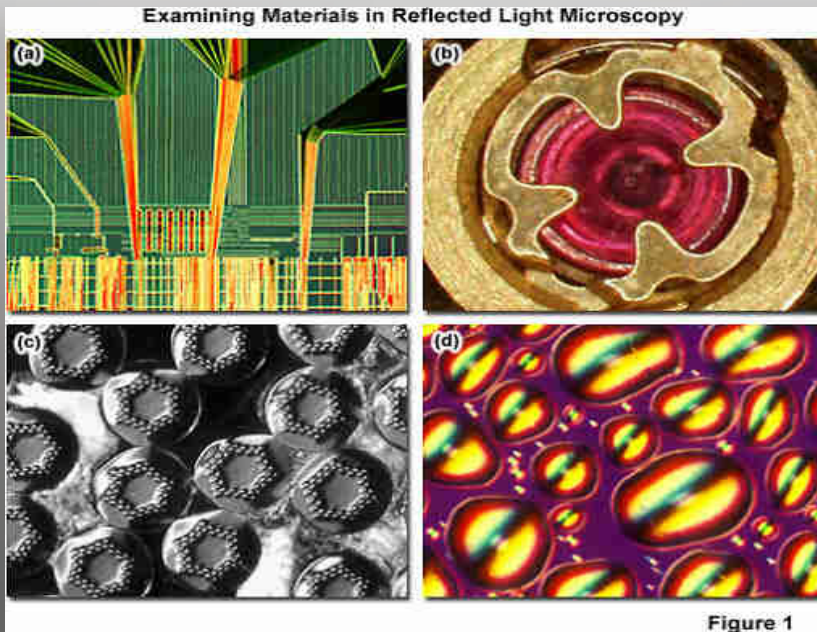


ULTRACAM

ULTRACMOS Series C-mount adapter USB2.0 CMOS Camera



- ULTRACMOS: camera is an ultra-high performance CMOS camera and it adopts ultra-high performance CMOS sensor as the image-picking device. USB2.0 is used as the data transfer interface. Fire wire/ IEEE/USB cable
- ULTRACMOS camera hardware resolutions range from 1.3M.P, 3.1M.P, 5.1M.P, 10M.P & 14M.P and comes with the Integrated zinc aluminum alloy compact housing.
- ULTRACMOS comes with advanced video & image processing application ultracam; Providing Windows/Linux/OSX multiple platform SDK; Native C/C++, C#/VB.NET, DirectShow, Twain Control API
- The ULTRACMOS can be widely used in brightfield light environment and microscope image capture and analysis with moderate frame rate.



Model no.	Sensor & Size	Pixel(μm)	G Responsivity Dynamic range SNRmax	FPS/Resolution	Binning	Exposure
ULTRACMOS1000	10M/MT9J003(C) 1/2.3 inch	1.67 x1.67	0.31 V/lux-sec 65.5dB 34.5dB	30@2560x1920	1x1, 2x2, 4x4	0.294ms~2000ms

Other Specification for UCMOS Camera

Spectral Range	380-650nm (with IR-cut Filter)
White Balance	ROI White Balance/ Manual Temp Tint Adjustment/NA for Monochromatic Sensor
Color Technique	Ultra-Fine™ Color Engine/NA for Monochromatic Sensor
Capture/Control API	Native C/C++, C#/VB.NET, DirectShow, Twain and Labview
Recording System	Still Picture and Movie
Cooling System*	Natural
Operating Environment	
Operating Temperature(in Centidegree)	-10~ 50
Storage Temperature(in Centidegree)	-20~ 60
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	DC 5V over PC USB Port
Software Environment	
Operating System	Microsoft® Windows® XP / Vista / 7 / 8 /10 (32 & 64 bit) OSx(Mac OS X) Linux
PC Requirements	CPU: Equal to Intel Core2 2.8GHz or Higher
	Memory:2GB or More
	USB Port:USB2.0 High-speed Port
	Display:11" or larger upto 72"
	CD-ROM

The possible applications of ULTRACAM are as follows:

- Scientific research, education (teaching, demonstration and academic exchanges)
- Digital laboratory, medical research
- Industrial visual (PCB examination, IC quality control)
- Medical treatment (pathological observation)
- Food (microbial colony observation and counting)
- Aerospace, military (high sophisticated weapons)

Optional Accessories

C-MOUNT Adapter



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