

ProCAM LS-T CMOS Camera

Electronic Rolling Shutter



Welcome to the world of Microscopic imaging, LABWAN introduces range of world class economic camera ProCAM.

ProCAM can be directly interface with Trinocular port of any Stereo-zoom, Biological, Metallurgical or Measuring Microscope with a 0.5x CMOS adaptor, making compatible with most of microscope.

ProCAM a Scientific grade camera with high -fidelity color reproduction, one click image acquisitions and storage capabilities. It comes along with Stand Alone software & Twain acquisition drivers to ease software integration with any Image Analysis software*. Stand alone software also feature's Measurement tools, Annotation tools, Calibration Tools & Image editing Tools & lot more to ease your application.

Features of LABWAN Capture & Measurement Software:-

Image Capture , Time Lapse Imaging , Video Capture

Features:

- Multi-fluorescence mode*
- Individual user profiles
- Exposure control
- Multi-camera operation
- Image annotations
- Programmable resolution
- Measurement capabilities
- Multi-focus

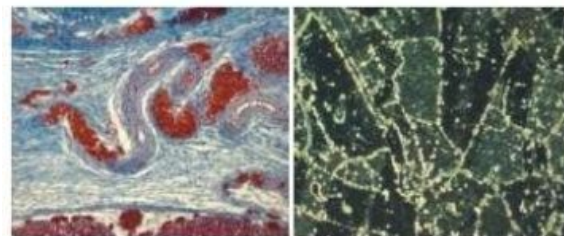
Features:

- Excellent color reproduction
- Superior image quality
- Best price-performance ratio

Fields of Application

- Materialography
- Petrography
- Quality Control
- Geology
- Mineralogy
- Pathology
- Hematology
- Histology
- Cell Biology
- Forensic
- Fluorescence

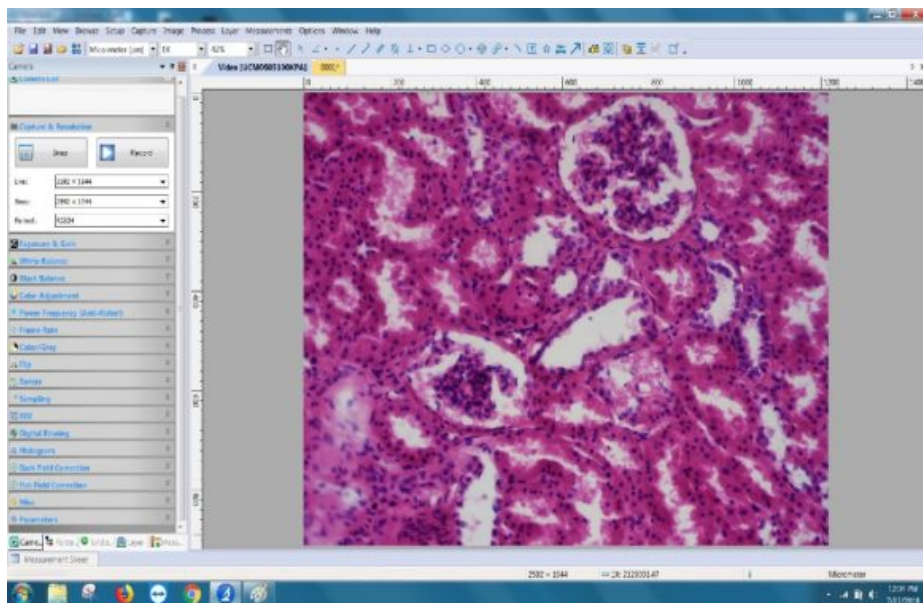
(USB3.0)



ProCAM HS-T CMOS Camera

Electronic Rolling Shutter

Model	ProCAM T-5
Pixels	5.0 MP (Color)
Sensor Model	MT9P006 CMOS
Sensor Size	1/2.5"
Pixel Size	2.2 μm x 2.2 μm
Resolution/Frame Rate	2592 x 1944 (full resolution): 7FPS 1280x 960 : 27FPS 640 x 480 : 90 FPS Binning 1x1, 2x2, 4x4
Exposure Time	0.2ms ~2000ms
Dynamic Range	67 dB
SN Ratio	40.5 dB
Sensitivity	0.53V/Lux- sec
Spectral Range(nm)	380 nm ~ 650nm (with infrared filter)
Shutter	Electronic Rolling shutter
Scanning Mode	Progressive Scan
Exposure Control	Manual/ Auto/ Area
White Balance	One Push ROI White Balance/Manual Temperature-Tint Adjustment/NA for Monochromatic Sensor
Image Processing	GAMMA/ Contrast/ Sharpness / Saturation
Picture Format	JPEG/ BMP/ PNG/ TIFF
Software interface	LABWAN ProCAM Capture & Measurement Software (Supports Direct Show / TWAIN)
Operating System	Window XP (32 bit) / Window 7 (32 bit/ 64 Bit) Window 8(32 bit /64 bit)
Data Interface	USB2.0 (B Type)
Dimensions / Weight	45mm x 48mmx 36.4mm (Exclude Lens Mount)/ Aprox. 112g
Rated Voltage/Power	DC 5V via USB Port
Temperature /Humidity	Operation: -10°-50°C /storage: -20°C ~ 60°C/ Working: 30% ~90% RH (No Condensation) 10% ~ 60% RH



More about LABWAN ProCAM Capture Software:

Measurements functions on Live & Captured Images

- Line : to measure Line on image
- Rect : to measure area or perimeter of a rectangle.
- Circle : to measure diameter, area & perimeter of a circle
- Polygon : to measure area or perimeter of a Polygon
- Angle : to measure Degree, Radian & Pi.

Other Measurements: Point , Distance b/w two parallel lines, Ellipses, 2 & 3 point Circle, 3 Point Arc , Curve

Tools: Annotations , Reference scale, Video Capturing, Time-lapse Edge detection, Image Stitching, Z-stacking , Calibration, Reports in MS Excel. Image Process & Enhancement, Image Format (JPEG/BMP/TIFF/PNG) Etc.