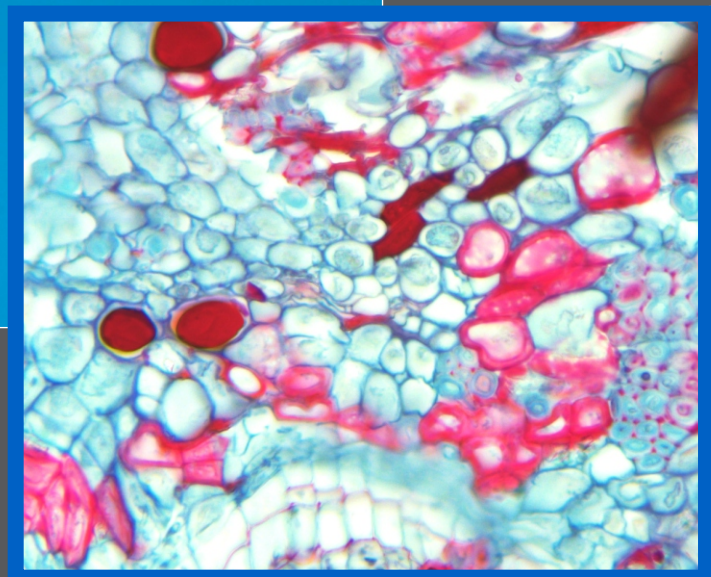


iVu 5100

Digital Imaging Module



**LABOMED**   
ideas for vision

## iVu 5100 Digital Imaging Module

### Technical Data

- Sensor:
- Sensor resolution:
- Pixel Size:
- Digitization:
- Pixel clock:
- Dynamic range:
- Max. exposure:
- Min exposure:
- Live Image:
- Scan Mode:

### Image resolution:

- Standard:
- Interface:
- Optical connection:
- Voltage Supply:
- Power consumption:
- Ambient conditions:
- Indicator:
- Integrated slot:
- Recording:
- Refresh:
- External Power:
- System requirements:
- Software

### Specifications

1/2.5" 5.0 Megapixel Color CMOS; Active area: 5.70mm x 4.28mm

2592 x 1944 pixels

2.2µm x 2.2µm

12 Bit RGB

48 MHz

68 dB (measured at 10 ms exposure)

10 s

1s

30 fps (1920 x 1080P) for Digital and Analog interface

Progressive

(2592 x 1944)px  
(2048 x 1152)px  
(1920 x 1080)px

USB 2.0 and Micro HDMI (HD 1080p)

C-mount

USB or 5V/2Amp External Power Supply

approx. 1.8W

Temperature: -30°C...+70°C; Humidity: up to 80%, not condensing

Green LED indicating power on and ready for capture

SD card slot for SD and SDHC Cards

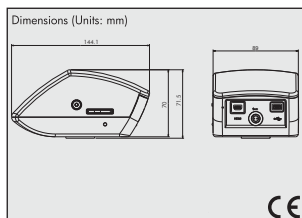
Button for image capture and video capture

Reset toggle refreshes white balance and restores camera to factory preset

Optional power adapter available for when USB power not available

Microsoft XP/Vista/7 OS, Dual core or Higher CPU, 2GB RAM (if 1GB, recommend 64MB graphics card), USB 2.0

PixelPro™ Image Analysis Software for capturing still images and videos. Software provides an easy to navigate user interface designed for routine analysis. Control features include Auto White Balance and Auto Exposure adjustments, Picture quality adjustments, Annotations, Measurement functions & Calibration, Region of Interest selection, Archival of images in an easy to use gallery, and a variety of resolutions to view images at. Software is compatible with Windows XP/Vista/7 Operating Systems



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