

Labomed iVu5000

The iVu5000 microscope camera offers the highest resolution in its class of product. Combined with ProgRes CapturePro software, this Firewire™ digital camera provides the user with a wide range of imaging tools for adjustment, archiving, and measurement for a total imaging solution that is easy to learn and operate.



Specifications :

Sensor type:	2/3" 5.0 Megapixel Color CCD Active area : 8.8mm x 6.6mm
Sensor resolution :	2580x 1944 pixel
Pixel Size	3.4µm x 3.4µm
A/D conversion	3 x 12 Bit RGB
Pixel clock	12 MHz / 18 MHz
Dynamic range	61 dB / 60 dB
Max. exposure	180s
Frame rate (image size)	21 fps (644 x 490)
Image resolution	2580 x 1944
Standard Binning	644 x 490, 1290 x 972 (2x ,3x, 4x, 5x)
Digital interface	IEEE 1394a Firewire™
Optical connection	C- Mount (0.63 x TV adapter recommended)
Tripod thread	Dual thread 3/8" and 1/4"
Voltage supply	8...33 VDC (via IEEE1394 Connector)
Power consumption	approx. 6W
Ambient conditions	Temperature: +5°C... +35°C Humidity: 5%... 80% non-condensing
Dimensions (LxWxH)	145mm x 93mm x 123mm
Weight	780 g
Capture software	ProgRes® CapturePro (TWAIN & Stand-Alone)
ComputerRequirments	PC: Microsoft Windows® 2000/ XP/ Vista Mac: Apple Macintosh® OS x 10.4 or higher 3 GHz CPU, 1 GB RAM, 64 MB graphics, IEEE1394 Firewire™ (OHCI compliant)

Applications :

Material Sciences Semiconductor Pathology Education Quality Control