

Labomed iVu3000

The iVu3000 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:	½" 3.15 Megapixel Color CMOS Active area : 6.55mm x 4.92mm
Sensor resolution :	2048 x 1536 pixel
Pixel Size	3.2µm x 3.2µm
A/D conversion	3 x 10 Bit RGB
Pixel clock	36 MHz
Dynamic range	58 dB (measured at 10 ms exposure)
Max. exposure	3s
Frame rate (image size)	35 fps (682 x 512)
Image resolution	2048 x 1536
Standard Binning	1024 x 768 (2x binning) and 682 x 512 (3x binning)
Digital interface	IEEE 1394a Firewire™
Optical connection	C- Mount (0.5 x TV adapter recommended)
Tripod thread	Dual thread 3/8" and 1/4"
Voltage supply	8...33 VDC (via IEEE1394 Connector)
Power consumption	approx. 2.5W @ 12 VDC
Ambient conditions	Temperature: +5°C... +35°C Humidity: 5%... 80% non-condensing
Dimensions (LxWxH)	89mm x 84mm x 93mm
Weight	672 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