

LATcam Camera Microscope, LAT

LATcam Camera Microscope

LATcam 2.0 is ideal for microscopic examination of any type of surfaces. Thanks to its special software, it can also be used for accurate measurement of distances, surfaces, angles, and radii of the magnified objects up to a resolution in micrometer range ($1\text{ }\mu\text{m} = 1/1000\text{ mm}$).

Easily connected to the PC via USB 2.0, the LATcam 2.0 is automatically supplied with electricity. Equipped with 8 white LEDs, the LATcam 2.0 provides up to 200x magnification. It has an integrated 2.0 mio. pixel camera (5.0 mio. pixel interpolated) that provides very sharp, crystal clear pictures and even videos of your magnified object.

Technical Data:

Connectivity:	• USB 2.0 connection (lower resolution when connected via USB 1.1) • Power supply through USB connection • Compatible with Windows 2000/XP/Vista/7
Picture formats:	• CMOS picture sensor 2.0 mega pixel • Resolution 1600x1200 (depending on screen resolution, and with USB 2.0), picture resolution interpolated 2560x2048 • 2896 DPI resolution acc. to USAF-1951 • Video picture resolution 160x120, 320x240, 352x288, 640x480, 800x600, 1024x768, 1280x1024, 1600x1200 • 10x to 200x magnification • AVI video format
Equipment:	• Software for true-to-scale measurement of distances and surfaces in the magnified object • Dual Axis 27X & 100X microscope lens • Illumination: 8 white LEDs
Housing:	• Dimensions: 110 x 33 mm • Color: black
Scope of delivery:	• Camera, foot, USB cable, operating instructions, software

Article	Order No.
LATcam 2.0	10 20 13301

Accessories

LAT backlight

The LAT backlight is particularly well suited for microscopy with microscope slides - at the turn of a hand, you have a digital microscope for transmitted-light microscopy ready. The backlight can be operated via the USB port or a mains adapter. It has an integrated freely rotating polarization filter.

Technical Data:

Dimensions:	100 x 96.2 x 20.5 mm
Housing:	Aluminium
Luminosity:	over 5000 cd
Connector:	USB or power adapter

Article	Order No.
LAT-Backlight	10 20 13302

