



## Dino-Lite USB video measuring microscopes

Very versatile and compact digital microscopes with measuring functions for various medical, industrial and educational applications. Optical product inspection can even be performed around your production machine; thanks to the stepless magnification and LED illumination you can display your products very sharply on the screen. Images can be saved as a picture or video file. Geometrical forms, such as distances, radius and angles can be measured.

- Magnification: stepless or fixed.
- Resolution: 1.3 Mpx (1280 x 1024 px) or 5 Mpx (2592 x 1944 px).
- Illumination: 8 LED white ring light.
- With software for Windows and Mac OS X (limited support under Mac OS X).
- Measuring and calibration function and edge detection.
- Plastic or aluminum housing.
- Dimensions: ø 32 x 120 mm.
- Connection and power supply: USB cable (1.8 m).

### Also available:

- models with magnification up to 900x or coaxial light,
- with PAL, VGA or DVI connection for live images on TV screen, monitor or beamer,
- with special illumination by near-UV, near-IR, fluorescent or stroboscopic LEDs,
- WiFi streamer or WiFi module for a wireless connection with a tablet or a smartphone,
- ESD-safe models available,
- USB 3.0 models with a higher frame rate,
- models with extra long working distance for a large field of view.

**NEW**



Download the brochure from [Schut.com](http://Schut.com)



774.278



774.278  
+774.281



## Dino-Lite USB video measuring microscopes (continued)

Item No.	774.081	774.088	774.210	774.106	774.024 <sup>1</sup>	774.250 <sup>1</sup>	774.277 <sup>1</sup>	774.278 <sup>1</sup>	774.280 <sup>1</sup>
Magnification (stepless)	10-70x	10-70x	10-140x	10-90x	10-140x	10-70x	20-220x	20-220x	10-140x
Magnification (fixed)	200x	200x	–	–	–	–	–	–	–
Resolution px	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M	1.3 M
FLC <sup>2</sup>	–	–	–	–	–	–	✓	✓	✓
EDOF/EDR <sup>3</sup>	–	–	–	–	–	–	–	✓	✓
AMR <sup>4</sup>	–	–	–	–	–	–	–	✓	✓
Field of view (mm) min. magnif. max. magnif.	19.8x14.9 1.7x1.2	19.8x14.9 1.7x1.2	39.0x31.2 2.8x2.2	19.8x14.9 4.4x3.3	39.0x31.2 2.8x2.2	39.0x31.2 5.6x4.5	19.5x15.6 1.8x1.4	19.5x15.6 1.8x1.4	39.0x31.2 2.8x2.2
Polarizer	–	✓	✓	✓	✓	–	✓	✓	✓
Long working distance mm	– -2..48	– -2..48	✓ 30..234	✓ 46..151	✓ 30..234	✓ 115..480	– 4..60	– 4..60	✓ 30..234
Removable front	–	–	✓	–	✓	✓	✓	✓	✓
Aluminum housing	–	–	–	✓	–	–	–	–	–
Removable cable for WiFi module	–	–	–	–	–	–	✓	✓	✓
USB interface	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

**NEW**

Item No.	774.129	774.028 <sup>1</sup>	774.216 <sup>1</sup>	774.251 <sup>1</sup>	774.246 <sup>1</sup>	774.228 <sup>1</sup>	774.229 <sup>1</sup>	774.252 <sup>1</sup>	774.253 <sup>1</sup>
Magnification (stepless)	10-70x	10-140x	10-140x	10-70x	10-220x	10-220x	10-140x	10-220x	10-140x
Magnification (fixed)	200x	–	–	–	–	–	–	–	–
Resolution px	5 M	1.3 M	5 M	5 M	5 M	5 M	5 M	5 M	5 M
FLC <sup>2</sup>	–	–	✓	✓	✓	✓	✓	✓	✓
EDOF/EDR <sup>3</sup>	–	✓	–	–	–	✓	✓	✓	✓
AMR <sup>4</sup>	–	–	–	–	–	✓	✓	✓	✓
Field of view (mm) min. magnif. max. magnif.	19.8x14.9 1.7x1.2	39.0x31.2 2.8x2.2	39.0x31.2 2.8x2.2	39.0x31.2 5.6x4.5	37.8x28.3 1.8x1.3	37.8x28.3 1.8x1.3	39.0x31.2 2.8x2.2	37.8x28.3 1.8x1.3	39.0x31.2 2.8x2.2
Polarizer	–	✓	✓	–	✓	✓	✓	✓	✓
Long working distance mm	– -2..48	✓ 30..234	✓ 30..234	✓ 115..480	– 12..136	– 12..136	✓ 30..234	– 12..136	✓ 30..234
Removable front	–	✓	✓	✓	✓	✓	✓	✓	✓
Aluminum housing	✓	–	✓	✓	✓	✓	✓	✓	✓
USB interface	2.0	2.0	2.0	3.0	3.0	2.0	2.0	3.0	3.0

<sup>1</sup> New Edge generation with better optics and exchangeable front sides.

<sup>2</sup> FLC: Flexible Light Control.

<sup>3</sup> EDOF: Extended Depth of Field / EDR: Extended Dynamic Range.

<sup>4</sup> AMR: Auto-Magnification Read.





## Dino-Lite microscope accessories

Stable positioning is required for sharp pictures and accurate measurements. The measuring microscopes can be positioned stably with a microscope stand.

**NEW**

Item No.	Description
<b>Microscope stands<sup>1</sup>:</b>	
774.108 <sup>2</sup>	Stand with height fine adjustment (15 mm) and flexible arm
774.095 <sup>3</sup>	Stand
774.262 <sup>3</sup>	Stand with pivoting arm
774.115	Flexible arm for 774.262/095
774.026	High precision aluminum stand
774.117	Heavy-duty stand with table clamp and jointed arm
774.118	Heavy-duty stand with base and jointed arm
774.144	Stand, small model
774.221 <sup>4</sup>	Vertical arm for 774.026/774.262
774.237	XY-positioning arm for 774.026/774.262
774.065	Flexibele arm for 774.026/774.262
<b>WiFi streamers:</b>	
774.022 <sup>5</sup>	WiFi streamer WF-10
774.281 <sup>6</sup>	WiFi streamer WF-20
<b>Other options:</b>	
774.155 <sup>1</sup>	Holder for mounting on a microscope stand
996.390 <sup>7</sup>	Reducing coupling $\phi$ 10/8 mm
774.130	Rolling stand
774.094	XY table
774.100 <sup>8</sup>	Polarized backlight stage
774.120 <sup>8</sup>	Polarized LED illumination
774.060	Ring Light Cap for Dino-Lite Edge
419.030	USB extension cable (3 m)
774.121	USB foot switch
774.122	Robust case (IP67)

<sup>1</sup> All microscope stands are delivered with holder 774.155, except microscope stand 774.108.

<sup>2</sup> To use microscope stand 774.108 in combination with microscopes with polarizer the holder 774.155 shall be ordered separately.

<sup>3</sup> ESD-safe models available.

<sup>4</sup> In combination with microscopes with long working distance.

<sup>5</sup> In combination with all recent USB 2.0 microscopes.

<sup>6</sup> In combination with microscopes with removable cable.

<sup>7</sup> For mounting holder 774.155 on a dial indicator stand.

<sup>8</sup> More suitable in combination with the microscopes with polarizer.



