

Dino-Eye eyepiece cameras

More information on www.dino-lite.eu/dinoeye



Dino-Eye eyepiece cameras

With the DinoEye eyepiece cameras you can turn your conventional microscope into a digital microscope. You can easily replace the ocular (eyepiece) of your non-digital microscope with the DinoEye eyepiece and connect it via USB to your computer. With the included proprietary DinoCapture software you have a professional software environment for image or video processing, including calibrated measurement features.



MODEL	RESOLUTION	BUILT-IN MAGNIFICATION	CONNECTIVITY	MEASUREMENT & CALIBRATION	MOUNTING TYPE	OCULAR TUBE DIAMETER	GENERATION	ADDITIONAL FEATURES	PRICE RANGE
EYEPIECE CAMERA'S									
AM4023	1,3 Megapixel	✓	USB 2.0	✓	inside ocular tube	23 mm	-	-	€ 100 - 200
AM4023X	1,3 Megapixel	✓	USB 2.0	✓	inside ocular tube	23,30 & 30,5 mm	-	-	€ 200 - 300
AM4023U	1,3 Megapixel	✓	USB 2.0	✓	over ocular	up to 36 mm	-	-	€ 200 - 300
AM4025X	1,3 Megapixel	✓	USB 2.0	✓	inside ocular tube & c-mount	23,30 & 30,5 mm	Edge	manual EDOF	€ 300 - 400
AM7025X	5 Megapixel	✓	USB 2.0	✓	inside ocular tube & c-mount	23,30 & 30,5 mm	Edge	manual EDOF	€ 400 - 500

Dino-Eye eyepiece cameras

More information on: www.dino-lite.eu/dinoeyebasic



AM4023

The AM4023 fits into 23mm oculars.

- usb 2.0
- measurement functionality
- 1,3 megapixel 1280 x 1024
- fits 23mm oculars



AM4023X

The AM4023X has different adapters to fit microscopes with 23, 30 or 30,5 mm eyepieces.

- usb 2.0
- measurement functionality
- 1,3 megapixel 1280 x 1024
- fits 23, 30, 30,5 mm oculars



AM4023U

The AM4023U is a universal eyepiece version that fits over existing oculars up to 36 mm.

- usb 2.0
- measurement functionality
- 1,3 megapixel 1280 x 1024
- fits over oculars up to 36 mm



AM4025X

The AM4025X has different adapters to fit microscopes with 23, 30 or 30,5 mm eyepieces. Or it can be mounted to optical devices with a C-mount adapter.

- usb 2.0
- measurement functionality
- 1,3 megapixel 1280 x 1024
- connects to c-mount
- fits 23, 30, 30,5 mm oculars

Dino-Eye eyepiece cameras - HR 5 megapixel

More information on: www.dino-lite.eu/dinoeyehr



AM7025X

The DinoEye Edge 5MP eyepiece camera provides superior image quality and true colour reproduction



usb 2.0



measurement
functionality



5 megapixel
2592 x 1944



connects
to c-mount



fits
23, 30, 30.5 mm
oculars



2-year
European
warranty



Included software:
DinoCapture 2.0 (Windows),
DinoXcope (Mac OS)



Regulatory
approval:
CE, FCC, ROHS

Dino-Lite software

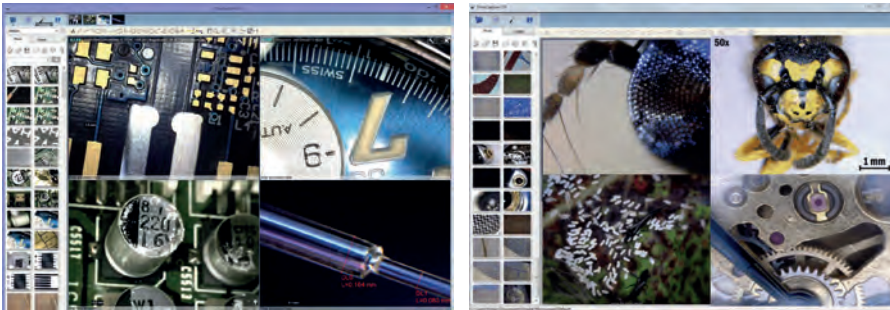


Dino-Lite software - DinoCapture and DinoXcope

A professional, reliable software environment is essential when working with computer equipment like an USB microscope. All Dino-Lite USB products are delivered with an in-house developed software program.

The Dino-Lite software is continuously developed, is free of charge for Dino-Lite users and has an automatic update feature. Dino-Lite software is available for Windows and for MacOS (DinoXcope). DinoCapture software is intuitive, user-friendly and can be used with hardly any training. Free online & e-mail software support is available.

The DinoCapture 2.0 software is available in many languages, such as: English, German, French, Spanish, Chinese, Japanese, Korean, Portuguese, Italian, Russian, Dutch, Greek, Hungarian, Polish, Romanian, Swedish, Finnish, Danish, Czech, Croatian, Norwegian, Turkish, Arabic.



main software features:

- ▶ capturing photographs, videos or time-lapsed videos
- ▶ saving pictures in several formats
- ▶ advanced image processing
- ▶ measurement options like: line, radius, circle, 3-point circle, angle, etc.
- ▶ measurements on captured images or on live images
- ▶ calibration
- ▶ e-mail integration
- ▶ adding notes and markings on images
- ▶ skype integration for real-time on-line sharing with suppliers, customers or colleagues
- ▶ connect multiple Dino-Lite microscopes
- ▶ controlling lighting options from the software
- ▶ IP functionality for remote viewing of microscopic images
- ▶ barcode/QR code recognition functionality
- ▶ GPS integration

Dino-Lite software

Extended Depth of Field (EDOF)

Extended Dynamic Range (EDR)

Advanced measurement options like:
line, radius, circle, 3-point circle, angle, etc.

Calibration functionality

Flexible LED Control (FLC)

Illumination settings

Settings menu

Capturing photographs, videos or time-lapsed videos

Camera adjustment settings such as white balance, auto exposure, etc.

Detailed Excel report including measurement data

Auto-update functionality (free of charge updates)

Magnifier for more precise measurements

The main screenshot shows the DinoCapture 2.0 interface. The central window displays a color image of a circuit board with various geometric measurements overlaid in red and yellow. The top toolbar contains icons for different measurement tools. The left sidebar shows a 'Settings' menu with options like 'Show Image List', 'Show Toolbar', 'Sound Effects', 'Language', 'Default Full Screen Model', 'Default Picture Format', 'Default Flicker Reduction', 'Camera Sleep', 'MicroTouch', 'Fixed Photo', 'Fixed Video', 'Measurement Properties', 'Snap Mode', 'Lock Drawing & Meas.', 'Scale', 'Drawing Mode', 'Connect to IP Dino-Lite or Dino-Eye', 'Barcode Recognition Setting', 'External GPS', and 'Auto-Update'. The bottom left shows an Excel spreadsheet with measurement data. The bottom right shows a magnified view of a specific measurement.

Name	Length(um)	x1	y1	x2	y2
D10	3,508	646	292	646	284
D11	63,25	266	236	409	217
D12	8,943	935	271	931	251

Name	Length(um)	(um²)	x1	y1	x2	y2
PG0	214,066	12594	769	454	734	503

Name	Angle(deg)
TAD	134,927

Dino-Lite software - system integration + software development kit

System integration is bringing together components into one system ensuring that all elements function together. Visualization with (high) magnification is often the key to provide visual or automatic inspection or analysis. This is exactly what Dino-Lite can help you with when you do not have or do not want to have the expertise needed for developing optical equipment.

With over 10 years of highly specialized knowledge and skills Dino-Lite is seen as the expert in the field of digital optics and digital microscopy. This expertise is being used by many companies around the world that produce, develop and sell high-tech machines and devices and need the best suitable quality inspection tool to integrate into their equipment.

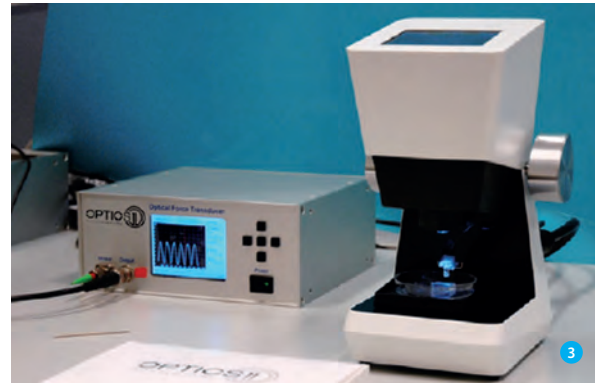
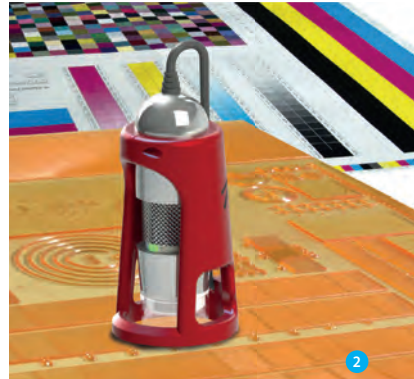
These devices cover a wide variety of applications, Dino-Lite microscopes are integrated in machines for tissue engineering, laser hair removal, drink can seam inspection, machines for material analysis, specialist laboratory equipment and other equipment for quality assurance tasks.

1 RTA Analyser

2 Print quality control system with Dino-Lite integrated

3 Nanoindentation system with a Dino-Lite in use

4 Trichinoscope TriquiVisor with integrated Dino-Lite



Dino-Lite software – system integration + software development kit

Customization and Software Development Kit (SDK)

If you need a Dino-Lite digital microscope but need extra customization or features? From custom LED wavelength to special adapters or accessories, contact us with your ideas and we will work to find a solution for your needs. We can also supply a software development kit (SDK) which allows developers to easily add control of Dino-Lite digital microscopes. It works with any Windows-compatible device and offers complete control over LED and Microtouch on the Dino-Lite. Moreover, it provides simple methods for extracting color, real-time binary image, image comparing, etc. The SDK is available free of charge for Dino-Lite partners and users.

5 Service engineer inspection kit with Dino-Lite

6 DVS Advantage system with integrated Dino-Lite
for visualisation of samples

7 Mass spectrometer with ion source



Third party software

All Dino-Lite USB products are supplied with the DinoCapture and DinoXcope software, which was developed in-house and provides an excellent and stable software environment with features that fulfill most application needs. Specific applications or specialized markets often require additional functionality. To stay ahead of the market we are constantly looking to integrate new and specialized software packages with the Dino-Lite digital microscopes. This makes the combination between the Dino-Lite hardware and software even more suitable to the high demands of markets like the industrial or medical sectors.



Dino-Lite

Digital Microscope

The Industry Standard



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