Dino-Lite
Digital Microscope

The Industry Standard

Redefine the microscope

Dino-Lite
Digital Microscope
The Industry Standard

ili
product
design
award
2009

Dino-Lite Pro HR 5 megapixel

The new Dino-Lite 7013 HR models provide crystal clear high resolution images of superior quality. The 5 megapixel high resolution sensor makes it possible to display microscopic images, without loss of quality, on large screens or when large images should be printed. All the 7013 models come in robust aluminum alloy housing for enhanced protection. With the DinoCapture 2.0 software package, you can save images and videos, make time lapse recordings and perform calibrated measurements.

Applications of the Dino-Lite Pro HR 5
With the highest possible resolution in digital microscopy, the 5 megapixel series is an indispensable tool for:
> Use on smart board/ interactive whiteboard/ beamer
> Large format printing of microscopic images
> High precision industrial applications
> Scientific research/ laboratories

AM7013MT

ADJUSTABLE
~10-70x & 200x

5 MEGAPIXEL
2592 x 1944

The new standard in digital microscopy

Best choice for generic applications

AM7013MZT

ADJUSTABLE
~10-70x & 200x

5 MEGAPIXEL
2592 x 1944

POLARIZER
ANTI-REFLECTION

Great solution when working with reflective objects (metal, plastics, electronics, jewelry etc.)

AD7013MT
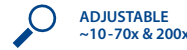
ADJUSTABLE
~10-70x & 200x

5 MEGAPIXEL
2592 x 1944

EXCHANGEABLE
CAP

AD7013MZT

ADJUSTABLE
~10-70x & 200x

5 MEGAPIXEL
2592 x 1944

EXCHANGEABLE
CAP

POLARIZER
ANTI-REFLECTION

Great solution when working with reflective objects (metal, plastics, electronics, jewelry etc.)

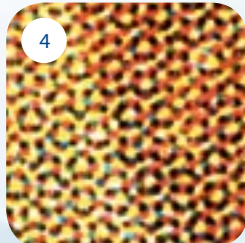### AD7013MTL

CONTINUOUS
~10x-90x

5 MEGAPIXEL
2592 x 1944

POLARIZER
ANTI-REFLECTION

LONG WORKING
DISTANCE
4-15 cm

Optional mirror-angle (FC-L-MA1) available for inspection under 90° angle

1 Checking electronics at 5 megapixel

2 Euro bill detail at 5 megapixel

3 Head of an ant at 5 megapixel

4 Printwork at 5 megapixel

The Dino-Lite ProX range is equiped with a *USB 2.0* connection

USB 2.0

Dino-Lite Pro HR 5 megapixel

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Redefine the microscope

Dino-Lite
Digital Microscope
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Dino-Lite ProX in metal housing

Dino-Lite digital microscopes are often used in industrial environments with high demands on durability and reliability. To offer increased protection and durability the Dino-Lite models are also offered with metal housing. The full aluminum body offers enhanced protection and the best look and feel. Most of the Dino-Lite digital microscopes are available with a metal housing.

Applications of the Dino-Lite ProX
Used in virtually every market segment
Industrial: e.g. quality assurance/ control, assembly, repair, soldering, welding
> Law enforcement: counterfeit detection, forensics
> Metallurgy
> Biology and chemistry
> Printing and textile
> Education and science

AM4013MT

- ADJUSTABLE ~10-70x & 200x
- 1.3 MEGAPIXEL 1280 x 1024

Advanced measurement functionality in the software

Most popular model for professional applications

AM4013MZT

- ADJUSTABLE ~10-70x & 200x
- 1.3 MEGAPIXEL 1280 x 1024
- POLARIZER ANTI-REFLECTION

Great solution when working with reflective objects (metal, plastics, electronics, jewelry, etc)

AM4013MTL

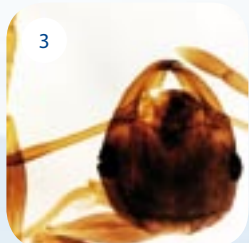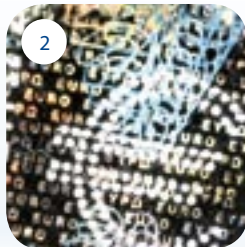- CONTINUOUS ~10x-90x
- 1.3 MEGAPIXEL 1280 x 1024
- LONG WORKING DISTANCE 4-15 cm

Ideal for work under the microscope (i.e. repair/precision assembly tasks)

AM4013MZT4

- ADJUSTABLE ~400x-470x
- 1.3 MEGAPIXEL 1280 x 1024
- POLARIZER ANTI-REFLECTION

Best choice when a high magnification is required

AM4013MZTL

- CONTINUOUS ~10x-90x
- 1.3 MEGAPIXEL 1280 x 1024
- POLARIZER ANTI-REFLECTION
- LONG WORKING DISTANCE 4-15 cm
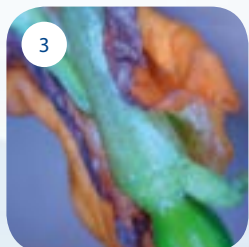
Great choice for working under the microscope on shiny/ reflective objects

1 Inside a piece of metal

2 Metal Dino-Lite with stand

3 Part of flower

4 Soldering with a Dino-Lite

AD4013MT
with exchangeable caps

AD4013MTL
exchangeable caps & long working distance

AD4013MZT
exchangeable caps, polarizer

AD4013MZTL
Exchangeable caps, long working distance & polarizer

Selected models with UV light are also available in metal housing.

Dino-Lite ProX range is equiped with USB 2.0

USB 2.0

Dino-Lite ProX in metal housing

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Redefine the microscope

Dino-Lite
Digital Microscope
The Industry Standard

product design award 2009

Dino-Lite Pro

Dino-Lite Pro digital microscopes give professional users high picture quality as well as comprehensive measurement functions. The 1.3 mega-pixel image sensor provides a high resolution and sharp picture, with a large field of view. A broad range of models is available in the Pro series, from the versatile AM413T (with magnifications of 70x and around 200x), to the AM4013Tl (magnifications of up to 90x and a long working distance up to 15cm). If you need a very high magnification, the AM4013ZT4 has a magnification of 400-470x and for working with reflective objects you can choose the AM4013ZT with adaptable polarization.

Applications of the Dino-Lite Pro
Used in virtually every market segment
> Industrial: *quality assurance/ control, assembly, repair, soldering, welding*
> Law enforcement: *counterfeit detection, forensics*
> Metallurgy
> Biology and chemistry
> Printing and textiles
> Education and science

AM413T

ADJUSTABLE
~10-70x & 200x

1.3 MEGAPIXEL
1280 x 1024

Most popular model for professional applications

AM413ZT

ADJUSTABLE
~10-70x & 200x

1.3 MEGAPIXEL
1280 x 1024

POLARIZER
ANTI-REFLECTION

Great solution when working with reflective objects

AM4013TL

CONTINUOUS
~10x-90x

1.3 MEGAPIXEL
1280 x 1024

LONG WORKING DISTANCE
4-15 cm

Ideal for working under the microscope (i.e. repair/precision assembly tasks)

AM4013ZT4

ADJUSTABLE
~400x-470x

1.3 MEGAPIXEL
1280 x 1024

POLARIZER
ANTI-REFLECTION

Best choice when a high magnification is required
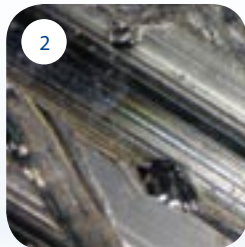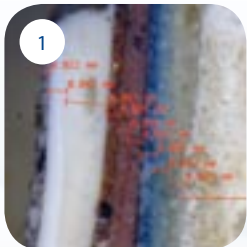
1 Different layers of a painting, 470x magnified

2 Metal surface damage, with polarization, 200x magnified
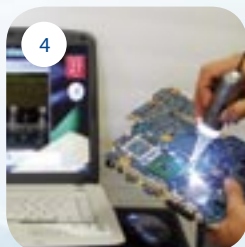
3 Watch detail 20x magnified

4 PCB checking with AM4013T

These models are also available with *aluminum alloy housing* for enhanced protection and the best look and feel.

The Dino-Lite Pro range is equiped with a *USB 2.0* connection

USB 2.0

Dino-Lite Pro

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Dino-Lite Pro2
with exchangeable caps

The Dino-Lite Pro2 series has all the advantages of the digital microscope models in the Dino-Lite Pro range, with the additional benefits of exchangeable caps. Caps with a variety of functions are offered, such as polarized caps for restricting the reflection of light, or a special mirror angle cap allowing you to inspect hard-to-reach parts of objects. The Pro2 models are all delivered with one open and one closed cap. Additional caps are available as accessories.

Applications of the Dino-Lite Pro2
Used in virtually every market segment
> Industrial: *quality assurance/ control, assembly, repair, soldering, welding*
> Law enforcement: *counterfeit detection, forensics*
> Metallurgy
> Biology and chemistry
> Printing and textile
> Education and science

Dino-Lite Pro2 with exchangeable caps

AD413T

🔍 **ADJUSTABLE** ~10-70x & 200x

▦ **1.3 MEGAPIXEL** 1280 x 1024

Advanced measurement functionality in the software

Open and closed cap included for increased flexibility

AD413ZT

🔍 **ADJUSTABLE** ~10-70x & 200x

▦ **1.3 MEGAPIXEL** 1280 x 1024

◀ **POLARIZER ANTI-REFLECTION**

Open, closed and polarized cap included for increased flexibility

AD4013TL

🔍 **CONTINUOUS** ~10x-90x

▦ **1.3 MEGAPIXEL** 1280 x 1024

↘ **LONG WORKING DISTANCE** 4-15 cm

Open and closed cap included, ideal for working under the microscope

AD4013TL-MA

🔍 **CONTINUOUS** ~10x-90x

▦ **1.3 MEGAPIXEL** 1280 x 1024

↘ **LONG WORKING DISTANCE** 4-15 cm

With detachable 45° mirror making it possible to view objects at a 90° angle

1 Soldering of forensic research on bullet

2 Gemstone inspection with AD model

3 Metal surface inspection

4 PCB checking with mirror angle

These models are also available with *aluminum alloy housing* for enhanced protection and the best look and feel.

The Dino-Lite Pro2 range is equiped with a *USB 2.0* connection

⇐⇒ **USB 2.0**

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Redefine the microscope

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Digital Microscope
The Industry Standard

Special Light Solutions

Many specialized applications in science, forensics, medical and engineering research and inspection, require special lighting. For these applications, Dino-Lite models were created with ultraviolet lighting, infrared lighting, polarized lighting and even combinations between the different lighting types. One of the latest additions to the product range is a Dino-Lite with a strobe light. This stroboscopic technology allows you to capture fast moving objects in a very easy and convenient way. Examples of use are real-time monitoring of production processes, observing living creatures in a laboratory or class room, or any other application involving fast-moving objects.

Applications
> Counterfeit detection of documents and bank notes, forensics
> Art /antique and paper restorers/ collectors
> Any application where fast-moving objects are involved
> Real-time monitoring of production processes
> Scientific research/ laboratories

AM3613TB

ADJUSTABLE ~10-70x & 200x

VGA RESOLUTION 640 x 480

High refresh rate (up to 60 fps) makes it possible to capture fast moving objects

AM4013T-FVW*

ADJUSTABLE ~10-70x & 200x

1.3 MEGAPIXEL 1280 x 1024

Switchable white/near UV-LEDs (390~400 nm)

Also available without filter that filters out the returning UV light (AM4013T-VW)

AM4013TL-FVW*

CONTINUOUS ~10x-90x

1.3 MEGAPIXEL 1280 x 1024

Switchable white/near UV-LEDs (390~400 nm)

Also available without filter that filters out the returning UV light (AM4013T-VW)

AM4013T-FV2W*

ADJUSTABLE ~10-70x & 200x

1.3 MEGAPIXEL 1280 x 1024

Switchable white/near UV-LEDs (~375 nm)

AM4013FVT / FVT2

ADJUSTABLE ~10-70x & 200x

1.3 MEGAPIXEL 1280 x 1024

UV LEDs only:
AM4013FVT: ~400 nm
AM4013FVT2: ~365 nm
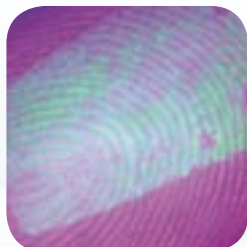
Fingerprint, viewed with UV light

Underdrawing of painting, viewed with infrared

OTHER MODELS

AM413FIT
AM413FI2T

ADJUSTABLE ~10-70x & 200x

1.3 MEGAPIXEL 1280 x 1024

Near-IR LEDs only:
AM413FIT: ~850 nm
AM413FI2T: ~940 nm

These models are also available with *aluminum alloy housing* for enhanced protection and the best look and feel.

The Dino-Lite Pro range is equiped with a *USB 2.0* connection

USB 2.0

Dino-Lite Special Light Solutions

www.dino-lite.eu
Redefine the microscope

Dino-Lite with TV/VGA connector

For working in environments where you cannot or do not want to use a computer, a microscope with a direct TV or VGA connection might be the best solution. The Dino-lite series with a VGA connector can be plugged directly into a computer monitor (VGA screen) and the TV models can be connected directly to the television. A great advantage of the TV/VGA models is that they offer a high frame rate of up to 60 frames per second; ideal in situations where real time images are vital, such as working on PCB's or when objects need to be moved around under the microscope.

Applications
> To be used in environments or on occasions where you cannot or do not want to use a computer or laptop
> When real time images are vital, when working with moving objects.
> For assembly or repair tasks
> Use on smart board/ interactive whiteboard/ beamer

AM4012PT

DIRECT TV PAL RCA CONNECTION

ADJUSTABLE ~10-70x & 200x

For generic applications

Also available in robust metal housing

AM4012PZT

DIRECT TV PAL RCA CONNECTION

ADJUSTABLE ~10-70x & 200x

POLARIZER ANTI-REFLECTION

Great solution when working with reflective objects (metal, plastics, electronics, jewelry etc.)

AM4012PTL

DIRECT TV PAL RCA CONNECTION

CONTINUOUS ~10x-90x

LONG WORKING DISTANCE 4-15 cm

Ideal model for working under the microscope (i.e. repair/precision assembly tasks)

Also available with exchangeable caps (AD4012TL)

AM4016T

DIRECT VGA CONNECTION

ADJUSTABLE ~10-70x & 200x

Affordable solution for great real time images

For generic applications

Also available with exchangeable caps (AD4016T)

AM4016TL

DIRECT VGA CONNECTION

CONTINUOUS ~10x-90x

LONG WORKING DISTANCE 4-15 cm

Ideal model for working under the microscope (i.e. repair/precision assembly tasks)

Also available with exchangeable caps (AD4016TL)

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1 Antique coin, Carbon fibre with polarizer
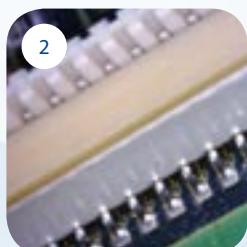
2 Carbon fibre with polarizer

These models are also available with *aluminum alloy housing* for enhanced durability, protection and the best look and feel

VGA cable   power adaptor

VGA transmitter

VGA monitor

AM4016T

Dino-Lite with TV/VGA connector

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Dino-Lite medical/life sciences

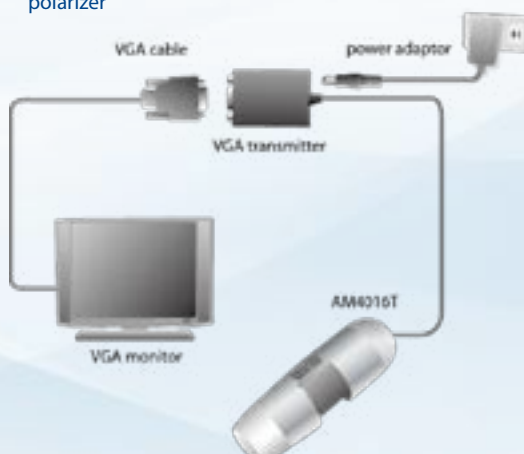The Dino-Lite digital microscopes have created a whole new category of products in many different markets. With more than 70 different models, the Dino-Lite microscopes cover a wide range of applications, far exceeding the traditional microscope. The range of Dino-Lite medical products primarily focuses on medical examination of ears, eyes, skin and teeth, but is also useful for various other medical techniques, including naturopathy and cosmetic examination. Dino-Lite medical products are Class 1 certified (Directive 93/42/CEE).

Applications
> Dermatologic examination
> Inspection of the tympanic membrane (eardrum) and ear canal
> Eye examination
> Examination of the nasal cavities
> Skin/scalp examination and analysis
> Telemedicine
> Also applicable for veterinary use

Dermascope MAM4013ZT

ADJUSTABLE ~10-70x & 200x

1.3 MEGAPIXEL 1280 x 1024

Also available in robust metal housing and/or with exchangeable caps

With medical CE certification

Earscope Pro MAMH2-EUT

ADJUSTABLE ~55-90x
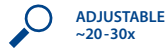
1.3 MEGAPIXEL 1280 x 1024

Comes with disposable specula of 3, 4 and 5 mm

With medical CE certification

Earscope Basic MAM311H

ADJUSTABLE ~20-30x

VGA RESOLUTION 640 x 480

Comes with disposable specula of 3, 4 and 5 mm

With medical CE certification

Irisscope AMH-RUT

ADJUSTABLE ~10-20x

1.3 MEGAPIXEL 1280 x 1024

Equipped with 2 LEDs placed in the cone to reduce reflections and discomfort

Not intended for medical use

Nailscope AMH-N5UT

FIXED ~500x

1.3 MEGAPIXEL 1280 x 1024

Also available: model with ~200x magnification

Available with or without medical CE certification

Dentalscope MAMH2-DUT

ADJUSTABLE ~20-30x

1.3 MEGAPIXEL 1280 x 1024
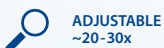
Includes holder to attach standard dental mirrors

With medical CE certification
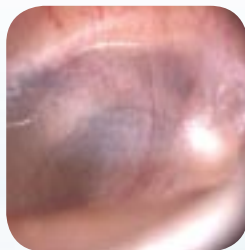
Picture of an eardrum with Dino-Lite Earscope

Dermatological inspection with Dino-Lite Dermascope

Picture of an iris with Dino-Lite Iriscope

These models are equiped with USB 2.0

USB 2.0

Dino-Lite medical/life sciences

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Dino-Lite Basic

For general purpose applications, where high image resolution and advanced hardware and software features are not strictly necessary, the Dino-Lite basic series is a good choice. These Dino-Lite models are affordable and an easy-to-use, but still have the same durability and quality as the more advanced Dino-Lite product series. A basic version of the proprietary DinoCapture software is included with each Dino-Lite. The magnification of the microscopes goes from 10 to 70x and around 200x.

Applications of the Dino-Lite Basic
> Affordable and easy-to-use solution, mainly for home use and light professional applications such as:
> Primary and secondary education
> Hobbies (coins/stamps/minerals)
> Printing/textile
> Amateur biologists

AM2011

ADJUSTABLE ~10-70x & 200x

VGA RESOLUTION 640 x 480

4 built-in LEDs (non switchable)

Affordable solution for home use

AM3011T

ADJUSTABLE ~10-70x & 200x

VGA RESOLUTION 640 x 480

8 built-in LEDs (on/off switchable by software)

Main difference with AM2011: microtouch function and 8 LED's

AM3013T

ADJUSTABLE ~10-70x & 200x

VGA RESOLUTION 640 x 480

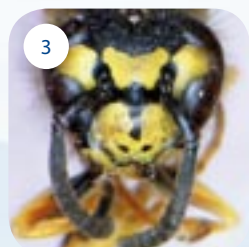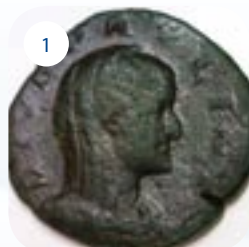8 built-in LEDs (on/off switchable by software)

For enhanced consumer and light industrial applications. Includes measurement software

Dino-Lite Basic

1 Antique coin, 20x magnified

2 Gemstone 200x magnified

3 Vespula head (wasp) 50x magnified

4 Old Dutch stamp 50x magnified

The Dino-Lite Basic range is equiped with a *USB 2.0* connection

USB 2.0

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Dino-Lite Mobile

For the ultimate solution in portable microscopy, Dino-Lite has designed the AMK series. A dedicated combination of a Dino-Lite digital microscope with high magnification and a portable digital recorder with a 3.5 inch LCD panel. The AMK-C200 series is a lightweight, pocket sized inspection device with real time image/video capture options. Pictures and videos can be recorded onto a SD card, which can be easily transferred to the PC. A great tool for scientific or medical field research or for quality control in production environments. With the A/V adapter that is included, the microscope can also be directly connected to a TV.

Applications
Broad range of applications, basically everywhere where it is undesirable or inconvenient to use a computer or laptop.
> Scientific/medical field research
> Inspection in industrial/production environments
> On-site forensics

AMK4012-C200

ADJUSTABLE ~10-70x & 200x

Package with C200 portable recorder for storage of photos and videos

A/V jack included to connect to a TV set

Great solution for inspection in the field

AMK4012Z-C200

ADJUSTABLE ~10-70x & 200x

POLARIZER ANTI-REFLECTION

A/V jack included to connect to a TV set

Great solution when working with reflective objects (metal, plastics, electronics, jewelry etc.)

AMK4012L-C200

CONTINUOUS ~10x-90x

LONG WORKING DISTANCE
4-15 cm

A/V jack included to connect to a TV set

Ideal model for working under the microscope (i.e. repair/precision assembly tasks)

Dino-Lite Mobile

1 Biology field research

2 Mobile inspection of car parts

3 Mobile inspection of a bank note

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2009

Eyepiece cameras

With the Dino-Lite 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. The DinoEye TV models can be connected straight into your TV using a TV connection With the included proprietary DinoCapture software you have a professional software environment for image or video processing, including calibrated measurement features.

Applications
Can be used to digitize virtually any of your current optical devices, like conventional microscopes or endoscopes. Devices should have a c-mount connector or an ocular (max. 36mm).

AM423*

Fits 23mm oculars

Advanced measurement functionality in the software

Built-in magnification of 72,5x for very high precision

Economic choice to digitize existing microscopes

AM423X*

Fits 23, 30 and 30,5 mm oculars

Advanced measurement functionality in the software

Built-in magnification of 72,5x for very high precision

Very flexible model to be used on oculars of different sizes

AM423U*

To be placed over existing ocular, up to 36mm width

Advanced measurement functionality in the software

Built-in magnification of 7,5x for very high precision

Fits almost any type of microscope

AM423C

Connects to C-Mount adapter

Advanced measurement functionality in the software

No built-in magnification

Affordable choice to digitize existing optical instruments

All DinoEye eyepiece cameras are available with a USB 2.0 connection

USB 2.0

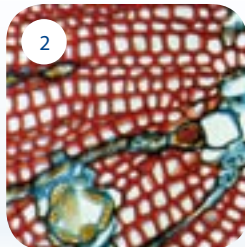All DinoEye eyepiece cameras have a 1.3 megapixel (1280 x 1024) resolution

* These models are also available with a TV-connector
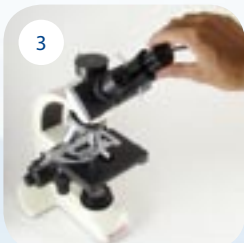
1 Use of the AM423C

2 Cell structure viewed with Eyepiece camera
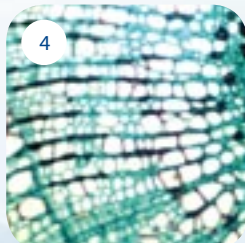
3 Eyepiece camera with microscope

4 Tilia stem viewed with Eyepiece camera

Dino-Lite eyepiece cameras

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Redefine the microscope

Dino-Lite Digital Microscope
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Dino-Lite accessories

A sturdy and reliable stand solution is a must-have for your high precision Dino-Lite digital microscope. A broad range of stands, caps, microscope tables and other accessories is offered. From affordable basic stands to a square metal base column stand. Or from an advanced XY table to a USB powered backlight. All original Dino-Lite accessories are made at the same high quality design and construction level.

MS33W

Round metal base with flexible arm

MS34B

Precision focus and stable viewing in a compact design

MS09B

An ultra-portable mini stand

MS12C

Variable view range caddy with two variable view range adapters

MS23B

Desktop clamp with flexible gooseneck that can be clamped to a desktop

MS35B

Square metal base with column and support providing several adaptable heights

MS36B

Identical to MS35B stand, but with an additional horizontal beam

MS52B

Dino-Lite heavy duty jointed flex arm stand. Also available with table base (BA2)

MSAK810

Adjustable flexible arm which can be attached to the pole of a MS35B/MS36B stand

MS-W1

Special stand for cylindric surfaces or to roll on flat surfaces

MS15X

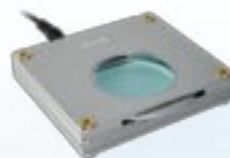Advanced XY table offers precision X- and Y-axis movement and 360 degree rotating

MS16C

Specimen holder with different clips to hold specimens

SL-ZW1

Polarized USB powered gooseneck light

BL-ZW1

USB or DC powered backlight with a built in, freely rotatable polarizer

SW-F1

Foot pedal accessory allowing you to take a picture with your foot

Dino-Lite accessories

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The Industry Standard

DinoCapture Software

A professional, reliable software environment is essential when working with computer accessories like an USB microscope. All Dino-Lite USB products are equipped with an in-house developed software suite. The Dino-Capture software is continuously developed, is free of charge for Dino-Lite users and has an automatic update feature. DinoCapture software is available for Windows and Macintosh computers. DinoCapture software is intuitive, user-friendly and can be used without hardly any training. Free online & e-mail software support is available for all Dino-Lite users

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 options
> E-mail integration
> Adding text to images
> Skype/MSN integration for real-time on-line sharing with suppliers, customers or colleagues
> Connect multiple Dino-Lite microscopes
> Controlling lighting options from the software

Languages

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

SDK, Software Development Kit

Dino-Lite offers a software development kit which allows developers to easily add control of Dino-Lite digital microscopes. It works with any Windows-compatible device and offers the 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.

DinoCapture 2.0

Microsoft® **Windows**™

Compatible with Windows XP®, Windows Vista®, Windows 7®

DinoXcope

Mac®

Compatible with Mac OSX® except for Dino-Lite Pro HR 5 megapixel models

SDK

activex

DinoCapture Software

www.dino-lite.eu
Redefine the microscope

Model overview part one

Model	Resolution	Magnification	Interface	Long working distance	Measurement	Calibration	LED on/off	UV/Infrared	Polarizer	Metal housing	other
Pro HR 5 megapixel											
AM7013MT	5 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	✔	
AM7013MZT	5 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	✔	with polarizer
AD7013MT	5 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	✔	
AD7013MZT	5 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	✔	with polarizer
AD7013MTL	5 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	-	✔	long working distance
ProX metal series											
AM4013MT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	✔	
AM4013MZT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	✔	with polarizer
AM4013MTL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	-	✔	long working distance
AM4013MZTL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	✔	✔	with polarizer
AM413MT5	1,3 megapixel	500x fixed	USB 2.0	-	✔	✔	✔	-	-	✔	with diffuser
AM4013MZT4	1,3 megapixel	400-470x	USB 2.0	-	✔	✔	✔	-	✔	✔	with polarizer
AM4013MT-VW	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV + white	-	✔	switchable, without filter
AM413MT-FVW	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV + white	-	✔	switchable, with filter
AM413MTL-VW	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	400nm UV + white	-	✔	switchable, without filter
AM4013MTL-FVW	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	400nm UV + white	-	✔	switchable, with filter
Pro series											
AM413T	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	-	
AM413ZT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	-	with polarizer
AM4013TL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	-	-	long working distance
AM4013TL-M40	1,3 megapixel	5-40x	USB 2.0	✔	✔	✔	✔	-	-	-	enhanced field of view
AM413T5	1,3 megapixel	500x fixed	USB 2.0	-	✔	✔	✔	-	-	-	with diffuser
AM4013ZT4	1,3 megapixel	400-470x	USB 2.0	-	✔	✔	✔	-	✔	-	with polarizer
AM3613TB	VGA (640x480)	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	-	high speed camera
AM4013T-VW	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV + white	-	-	switchable, without filter
AM4013T-FVW	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV + white	-	-	switchable, with filter
AM4013T-FV2W	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	365nm UV + white	-	-	switchable, with filter
AM413TL-VW	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	400nm UV + white	-	-	switchable, without filter
AM4013TL-FVW	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	400nm UV + white	-	-	switchable, with filter
AM4013FVT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV	-	-	UV lighting
AM413FVT2	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	365nm UV	-	-	UV lighting
AM413FIT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	850nm IR	-	-	infrared lighting
AM413FI2T	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	940nm IR	-	-	infrared lighting
Pro2 exchangeable caps											
AD413T	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	-	
AD413ZT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	-	with polarizer
AD4013TL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	-	-	long working distance
AD4013MT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	✔	
AD4013MZT	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	✔	with polarizer
AD4013MTL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	-	✔	long working distance
AD4013MZTL	1,3 megapixel	10-90x	USB 2.0	✔	✔	✔	✔	-	✔	✔	with polarizer
AD413T-I2V	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	400nm UV + 940nm IR	-	-	switchable UV/IR light
AD4016T	800x600	10-70x,200x	VGA (D-Sub)	-	-	-	✔	-	-	-	VGA connection
AD4016TL	800x600	10-90x	VGA (D-Sub)	✔	-	-	✔	-	-	-	VGA connection
AD4012PTL	628x586	10-90x	TV (PAL)	✔	-	-	✔	-	-	-	TV connection
Basic series											
AM2011	VGA (640x480)	10-70x,200x	USB 2.0	-	-	-	-	-	-	-	4 LEDs
AM3011T	VGA (640x480)	10-70x,200x	USB 2.0	-	-	-	✔	-	-	-	
AM3013T	VGA (640x480)	10-70x,200x	USB 2.0	-	✔	✔	✔	-	-	-	measurement & calibration
DinoEye Eyepieces											
AM423	1,3 megapixel	80x	USB 2.0	-	✔	✔	-	-	-	-	for 23 mm ocular
AM423C	1,3 megapixel	-	USB 2.0	-	✔	✔	-	-	-	-	for C-Mount connector
AM423U	1,3 megapixel	7,2x	USB 2.0	-	✔	✔	-	-	-	-	fits over ocular of up to 36 mm
AM423X	1,3 megapixel	72,5x	USB 2.0	-	✔	✔	-	-	-	-	for 23, 30 and 30,5 mm ocular
AM422	628x586	80x	TV (PAL)	-	-	-	-	-	-	-	for 23 mm ocular
AM422B	628x586	72,5x	TV (PAL)	-	-	-	-	-	-	-	for 30 and 30,5 mm ocular
AM422PU	628x586	7,2x	TV (PAL)	-	-	-	-	-	-	-	fits over ocular of up to 36 mm
AM422PX	628x586	72,5x	TV (PAL)	-	-	-	-	-	-	-	for 23, 30 and 30,5 mm ocular

Model overview

Model overview part two

Model	Resolution	Magnification	Interface	Long working distance	Measurement	Calibration	LED on/off	UV/Infrared	Polarizer	Metal housing	other
TV/VGA series											
AM412PT	628x586	10-70x,200x	TV (PAL)	-	-	-	✔	-	-	-	TV connection
AM412PZT	628x586	10-70x,200x	TV (PAL)	-	-	-	✔	-	✔	-	TV connection
AM412PTL	628x586	10-90x	TV (PAL)	✔	-	-	✔	-	-	-	TV connection
AM4012MPT	628x586	10-70x,200x	TV (PAL)	-	-	-	✔	-	-	✔	TV connection
AM4012PMZT	628x586	10-70x,200x	TV (PAL)	-	-	-	✔	-	✔	✔	TV connection
AM412FVP	628x586	10-70x,200x	TV (PAL)	-	-	-	-	-	-	-	TV connection
AM4016T	800x600	10-70x,200x	VGA (D-Sub)	-	-	-	✔	-	-	-	VGA connection
AM4016TL	800x600	10-90x	VGA (D-Sub)	✔	-	-	✔	-	-	-	VGA connection
Medical/life sciences											
AMH-N5UT, Nailscope	1,3 megapixel	500x	USB 2.0	-	✔	✔	✔	-	-	-	not intended for medical use
AMH-RUT, Iriscope	1,3 megapixel	20x	USB 2.0	-	✔	✔	✔	-	-	-	not intended for medical use
AM311ST-SC, Scalpscope	VGA (640x480)	10-70x,200x	USB 2.0	-	-	-	-	-	-	-	not intended for medical use
MAM413ZT, Dermascope	1,3 megapixel	10-70x,200x	USB 2.0	-	✔	✔	✔	-	✔	-	with medical device certification
MAMH-EUT, Earscope Pro	1,3 megapixel	55-90x	USB 2.0	-	✔	✔	✔	-	-	-	with medical device certification
MAMH-EAP, Earscope Pro TV	628x586	55-90x	TV (PAL)	-	-	-	-	-	-	-	with medical device certification
MAM311H, Earscope Basic	VGA (640x480)	20-30x	USB 2.0	-	-	-	-	-	-	-	with medical device certification
MAMH-DUT, Dentalscope	1,3 megapixel	20-30x	USB 2.0	-	✔	✔	✔	-	-	-	with medical device certification
Mobile series											
AMK4012-C200	640x480	10-70x,200x	TV (PAL)	-	-	-	-	-	-	-	
AMK4012Z-C200	640x480	10-70x,200x	TV (PAL)	-	-	-	-	-	✔	-	with polarizer
AMK4012L-C200	640x480	10-90x	TV (PAL)	✔	-	-	-	-	-	-	long working distance
AMK4012FV-C200	640x480	10-70x,200x	TV (PAL)	-	-	-	-	400nm UV	-	-	UV lighting
AMK4012FV2-C200	640x480	10-70x,200x	TV (PAL)	-	-	-	-	365nm UV	-	-	UV lighting

Accessories

MS52B	Dino heavy duty jointed flex arm stand (also available with table base: MS52BA2)
MS36B	Metal stand,vertical and horizontal position (also available as ESD proof version MS36BE)
MS35B	Metal stand, vertical positioning (also available as ESD proof version MS35BE)
MS34B	Table stand with vertical orientation
MS33W	Orientable table stand with metal base
MS25X	Robust Inspection turntable
MS23B	Flexible gooseneck stand with desktop clamp
MS16C	Object holder stand
MS15X	X/Y table, to be used independently or in combination with MS35B/MS36B
MS12C	Transparent Table holder with 3 fixed viewing distances
MS09B	Table stand, small open and closed base
MS-W1	Rolling stand for inspection of flat and cylindrical surfaces
BL-GC1	Gem Clip for Backlight (BL-ZW1)
BL-ZW1	Backlight pack with rotable polarizer
FC-L-MA1	Mirror angle cap for AD long working distance models (AD4013TL/AD4013MTL/AD4013MZTL/AD7013MTL etc.)
FC-L-TB1	Tube extension for AD long working distance models (AD4013TL/AD4013MTL/AD4013MZTL/AD7013MTL etc.)
HD-M1	Metal universal holder for usage with 8 or 10 mm third party stand
MSAK810	Adjustable flex arm for MS35B/MS36B
SL-ZW1	USB powered Side-light with gooseneck
SW-F1	USB foot pedal

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Redefine the microscope

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