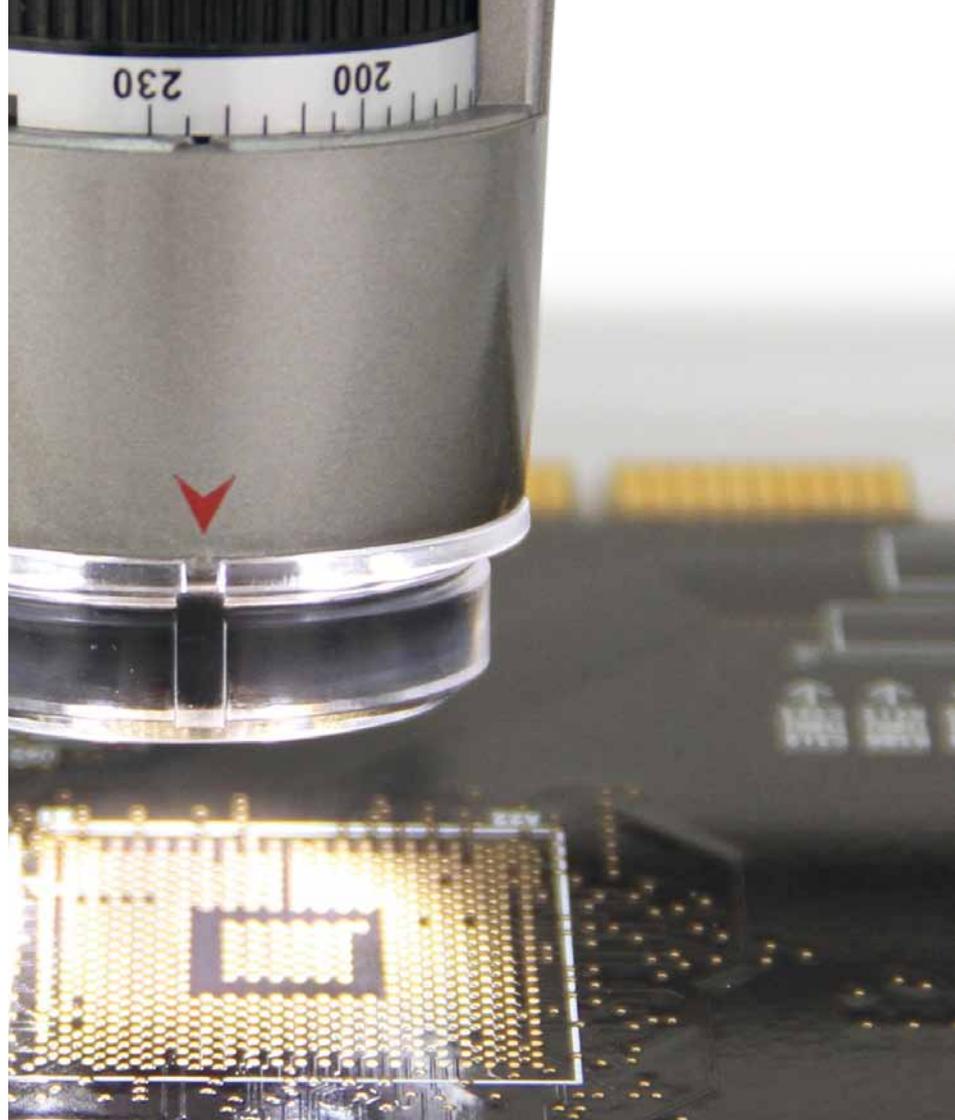


Dino-Lite
Digital Microscope
The Industry Standard



Powerful
Portable
Versatile

The Dino-Lite digital microscope range

Dino-Lite digital microscopes provide a powerful, portable and feature rich solution for microscopic inspection at up to 500x magnification and 5 megapixel resolution. High quality imaging and optics, feature rich software and advanced hardware features set the Dino-Lite range apart from any comparable products.

As the inventor of the handheld digital USB microscope, Dino-Lite, now is the market leader and industry standard for digital handheld microscopes. Nowadays the Dino-Lite digital microscope is an irreplaceable instrument for thousands of companies and professionals worldwide.

With over 100 different models the Dino-Lite range offers multiple connectivity options: USB, TV or VGA, as well as specialised illumination, such as ultraviolet or infrared, and numerous magnification ranges. A wide range of stands and accessories completes the product line-up and ensures that the Dino-Lite range offers solutions to meet the needs of the home user through to the most demanding professional.

All these features make the Dino-Lite digital microscope range an ideal solution for:

- > Industrial inspection: quality control, assembly, repair, materials failure analysis
- > Professional: law enforcement, conference aid, counterfeit detection
- > Printing and textiles: quality control, in depth material inspection, measurements
- > Educational: science lab, presentation, training
- > Biology (botany, entomology)
- > Medical: ear, eye, skin/scalp examination and analysis
- > Personal: hobbies, collection documentation, paintings, antiques
- > And many more...



Small in size, but full of functionality. The Dino-Lite digital microscope is a marvel of technology. To better understand the functional differences between the different models we will explain the main features.

Product ranges:

- > **Dino-Lite Pro HR 5 megapixel** **page 4**
The Dino-Lite 5 megapixel range provides 5 megapixel imaging (up to 2592x1944) and introduces the highest resolution Dino-Lite to date.
- > **Dino-Lite ProX in metal housing** **page 5**
The Dino-Lite professional range with 1.3 megapixel camera and (1280x1024) and full aluminum alloy housing for enhanced protection and durability and the best look and feel.
- > **Dino-Lite Pro** **page 6**
The Dino-Lite Professional range offers crystal clear 1.3 megapixel imaging (1280x1024) allowing exceptional detail to be viewed and captured.
- > **Dino-Lite Pro2** **page 7**
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.
- > **Dino-Lite Special Light Solutions** **page 8**
Many specialized applications in science, forensics, medical and engineering research and inspection, require special lighting, like ultraviolet, infrared or stroboscopic light.
- > **Dino-Lite High-Speed Real-time** **page 10**
The Dino-Lite TV and Dino-Lite VGA models provide an ideal solution where you cannot, or do not want to, use a computer.
- > **Dino-Lite medical/life sciences** **page 12**
Variety of Dino-Lite products such as the DermaScope, the EarScope, the IriScope, the TrichoScope or the CapillaryScope. All Dino-Lite medical products are Medical Device Class 1 – According to Directive 93/42/EEC modified 2007/47/EC
- > **Dino-Lite Basic** **page 14**
The Dino-Lite Basic range offers high quality VGA (640x480) resolution imaging for cost sensitive applications.
- > **Dino-Lite Mobile** **page 15**
A combination of a Dino-Lite digital microscope with high magnification and a portable digital recorder with a 5 inch LCD panel.
- > **DinoEye eyepiece cameras** **page 16**
The DinoEye range of USB microscope eyepiece cameras provide a cost effective solution to viewing and capturing digital images through a traditional microscope.
- > **Accessories** **page 18**
A broad range of stands, caps, microscope tables and other accessories is offered. All original Dino-Lite accessories are made at the same high quality design and construction level.

Explanation of functionality

Connectivity

 USB 2.0	 DIRECT VGA CONNECTION	 DIRECT TV PAL RCA CONNECTION	 DVI CONNECTOR
USB 2.0 Connects directly to a computer	VGA (D-SUB) connector Connects directly to a VGA computer monitor	TV PAL Connects directly to a TV, a beamer or digital blackboard	DVI connector Connects directly to a TV, a beamer or digital blackboard

Magnification

 CONTINUOUS ~10x - 90x	 ADJUSTABLE ~10 - 70x & 200x	 ADJUSTABLE ~20 - 200x	 ADJUSTABLE ~400x - 470x	 FIXED ~500x
10 - 90x With long working distance (LWD)	10x ~ 70x & 200x Low, medium and high resolution, most versatile	20x - 200x Dino-Lite Pro2 series with exchangeable cap	400 - 470x Extended magnification, for specific applications	500x fixed Fixed magnification, for specific applications

Resolution USB models

 VGA RESOLUTION 640 x 480	 1.3 MEGAPIXEL 1280 x 1024	 5 MEGAPIXEL 2592 x 1944
640x480 pixels VGA	1.3 megapixel 1280x1024 pixels	5 megapixel 2592x1944 pixels

Lighting options

 4 WHITE LEDs NON SWITCHABLE	 POLARIZER ANTI-REFLECTION	 UV LEDs	 FLUORESCENT LEDs
White LED's	Polarizer	Ultraviolet	Fluorescent
 INFRARED LEDs	 STROBOSCOPIC LEDs	 SWITCHABLE UV/IR LEDs	
Infrared (NIR)	Stroboscopic light	Combination of lights	

Working distance

 STANDARD WORKING DISTANCE	 LONG WORKING DISTANCE 4-15 cm
Standard working distance For most tasks, most versatile	Long working distance Ideal for working under the microscope (i.e. repair/precision assembly tasks)

Caps

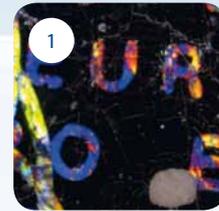
 EXCHANGEABLE CAP	 METAL HOUSING
Exchangeable caps Several caps are supplied, closed caps, a cap with polarization filter or a mirror angle cap.	Fixed caps Less versatile but in some cases easier to operate
	Metal housing For enhanced protection and the best look and feel
	Composite housing

Dino-Lite Pro HR 5 megapixel

The Dino-Lite 7013 HR models provide crystal clear high resolution images of superior quality. The 5 megapixel 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

- > Use on smart board/ interactive whiteboard/ beamer
- > Large format printing of microscopic images
- > High precision industrial applications
- > Scientific research/ laboratories



1 Euro bill detail
2 A beautiful and bright gem stone

3 Checking a small plastic part
4 PCB checking

AM7013MT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



5 MEGAPIXEL
2592 x 1944

The new standard in digital microscopy

Best choice for generic applications

AM7013MZT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



5 MEGAPIXEL
2592 x 1944



POLARIZER ANTI-REFLECTION

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

AM7013MZT4



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~400x-470x



5 MEGAPIXEL
2592 x 1944



POLARIZER ANTI-REFLECTION

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

AD7013MT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~20-200x



5 MEGAPIXEL
2592 x 1944



EXCHANGEABLE CAP

AD7013MZT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~20-200x



5 MEGAPIXEL
2592 x 1944



POLARIZER ANTI-REFLECTION



EXCHANGEABLE CAP

AD7013MTL



USB 2.0



MEASUREMENT FUNCTIONALITY



CONTINUOUS
~20x-90x



5 MEGAPIXEL
2592 x 1944



LONG WORKING DISTANCE
4-15 cm



EXCHANGEABLE CAP

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



All Dino-Lite models with an aluminum housing are ESD safe

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 robust aluminum alloy housing offers enhanced protection and the best look and feel. Most of the Dino-Lite digital microscopes are available with a metal housing.

Applications

- > Law enforcement: *counterfeit detection, forensics*
- > Metallurgy
- > Biology and chemistry
- > Printing and textile
- > Education and science



1 Inside a piece of metal
2 Metal Dino-Lite with stand

3 Part of flower
4 Quality control

AM4013MT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



1.3 MEGAPIXEL
1280 x 1024

Advanced measurement functionality in the software

Most popular model for professional applications

AM4013MZT



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



1.3 MEGAPIXEL
1280 x 1024



POLARIZER ANTI-REFLECTION

Great for working with shiny/reflective objects

AM4013MTL



USB 2.0



MEASUREMENT FUNCTIONALITY



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)

AM4013MZTL



USB 2.0



MEASUREMENT FUNCTIONALITY



CONTINUOUS
~10x-90x



1.3 MEGAPIXEL
1280 x 1024



POLARIZER ANTI-REFLECTION



LONG WORKING DISTANCE
4-15 cm

Great for working with shiny/reflective objects

AM4013MT5



USB 2.0



MEASUREMENT FUNCTIONALITY



FIXED
~500x



1.3 MEGAPIXEL
1280 x 1024

For applications where a high magnification is required

AM4013MZT4



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~400x-470x



1.3 MEGAPIXEL
1280 x 1024



POLARIZER ANTI-REFLECTION

For applications where a high magnification and polarization is required



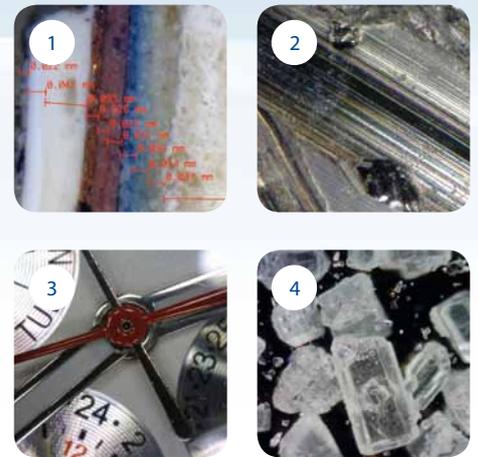
All Dino-Lite models with a aluminum housing are ESD safe

Dino-Lite Pro

Dino-Lite Pro digital microscopes give professional users high picture quality as well as comprehensive measurement functions. The 1.3 megapixel 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 AM4113T (with magnifications up to 200x), to the AM4113TL (magnifications of up to 90x and a long working distance up to 15cm). For working with reflective objects you can choose the AM4113ZT or the AM4113ZT4 with adaptable polarization. The latter is also ideal when you need a very high magnification; it has a magnification of 400-470x.

Applications

- > Industrial: *quality assurance/control, assembly, repair, soldering,*
- > Law enforcement: *counterfeit detection, forensics*
- > Metallurgy
- > Biology and chemistry
- > Printing and textiles
- > Education and science



1 Different layers of a painting, 470x
2 Metal surface damage, with polarization, 200x

3 Watch detail 20x magnified
4 Salt crystals at 470x magnification

AM4113T	AM4113ZT	AM4113TL	AM4113TL-M40	AM4113T5	AM4113ZT4
USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY
ADJUSTABLE ~10-70x & 200x	ADJUSTABLE ~10-70x & 200x	CONTINUOUS ~10x-90x	ADJUSTABLE ~5x-40x	FIXED ~500x	ADJUSTABLE ~400x-470x
MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK
1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024
Most popular model for professional applications	POLARIZER ANTI-REFLECTION Great for working with shiny/reflective objects	LONG WORKING DISTANCE 4-15 cm Ideal for working under the microscope (i.e. repair/precision assembly tasks)	LONG WORKING DISTANCE 4-15 cm Best choice when a low magnification is required	For applications where a high magnification is required	POLARIZER ANTI-REFLECTION Great for working with shiny/reflective objects

Also available
- **AM4113ZTL**
Same specs as AM4113TL plus polarizer

All models on this page are also available with aluminum alloy housing for enhanced protection, durability and the best look and feel.

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

- > Industrial: *quality assurance/control, assembly, repair, soldering, welding*
- > Law enforcement: *counterfeit detection, forensics*
- > Metallurgy
- > Biology and chemistry
- > Printing and textile
- > Education and science



1 PCB Inspection
2 Detachable 45° mirror to view objects at a 90° angle

AD4113T

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- ADJUSTABLE ~20 - 200x
- MAGNIFICATION LOCK
- 1.3 MEGAPIXEL 1280 x 1024
- EXCHANGEABLE CAP

Open and closed cap included for increased flexibility

AD4113ZT

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- ADJUSTABLE ~20 - 200x
- MAGNIFICATION LOCK
- 1.3 MEGAPIXEL 1280 x 1024
- POLARIZER ANTI-REFLECTION
- EXCHANGEABLE CAP

Open, closed and polarized cap included for increased flexibility

AD4113TL

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- CONTINUOUS ~20x - 90x
- MAGNIFICATION LOCK
- 1.3 MEGAPIXEL 1280 x 1024
- LONG WORKING DISTANCE 4-15 cm
- EXCHANGEABLE CAP

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

AD4013MT

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- ADJUSTABLE ~20 - 200x
- 1.3 MEGAPIXEL 1280 x 1024
- EXCHANGEABLE CAP

AD4013MZT

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- ADJUSTABLE ~20 - 200x
- 1.3 MEGAPIXEL 1280 x 1024
- POLARIZER ANTI-REFLECTION
- EXCHANGEABLE CAP

AD4013MTL / MZTL

- USB 2.0
- MEASUREMENT FUNCTIONALITY
- CONTINUOUS ~20x - 90x
- 1.3 MEGAPIXEL 1280 x 1024
- LONG WORKING DISTANCE 4-15 cm
- EXCHANGEABLE CAP

Option: detachable 45° mirror to view objects at a 90° angle

The AD4013MZTL is equipped with a polarizer

All models on this page are also available with aluminum alloy housing for enhanced protection, durability and the best look and feel.



All Dino-Lite models with a aluminum housing are ESD safe

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, fluorescent lighting and even combinations between the different lighting types. There is also a Dino-Lite with a strobe light available. This allows you to capture fast moving objects in an 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.

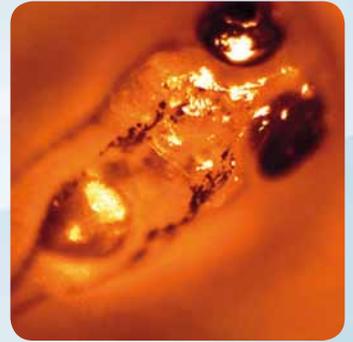
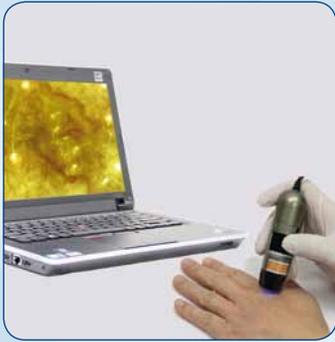
Applications

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



STROBOSCOPIC	UV LIGHT			IR LIGHT	UV / IR LIGHT
AM3713TB	AM4113T-FVW	AM4113TL-FVW	AM4113FVT / FV2T	AM413FIT/ FI2T	AD413T-I2V
USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY	MEASUREMENT FUNCTIONALITY
ADJUSTABLE ~10-70x & 200x	ADJUSTABLE ~10-70x & 200x	CONTINUOUS ~10x-90x	ADJUSTABLE ~10-70x & 200x	ADJUSTABLE ~10-70x & 200x	ADJUSTABLE ~20-200x
MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK	MAGNIFICATION LOCK
VGA RESOLUTION 640 x 480	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024	1.3 MEGAPIXEL 1280 x 1024
STROBOSCOPIC LEDs	UV-LEDs 390~400 nm	UV-LEDs 390~400 nm	UV-LEDs 400 nm	INFRARED LEDs ~850nm	UV-LEDs 400 nm
High refresh rate (up to 60 fps) makes it possible to capture fast moving objects	SWITCHABLE UV/WHITE LEDs Also available without UV return filter and with other UV wavelengths	SWITCHABLE UV/WHITE LEDs LONG WORKING DISTANCE 4-15 cm Also available without UV return filter and with other UV wavelengths	Also available: AM4113FV2T with ~365 nm LEDs	Also available: AM413FI2T with ~940nm LEDs	INFRARED LEDs ~940nm SWITCHABLE UV/IR LEDs
					EXCHANGEABLE CAP

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



FLUORESCENT LIGHT

AM4113T-GFBW



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 480nm

To observe green
fluorescence (GFP)

510nm emission filter

AM4113T-CFVW



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 400nm

To observe cyan
fluorescence

430nm emission filter

AM4113T-RFYW



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 575nm

To observe red
fluorescence (MCherry)

610nm emission filter

AM4113T-YFGW



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



FLUORESCENT
LEDs ~ 525nm

To observe orange
to red (DSRed)
fluorescence

570nm emission filter

Dino-Lite High-Speed Real-Time

For working in environments where you do not want to use a computer, or when a real-time video stream is required, a Dino-Lite with DVI, VGA or direct TV 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 DVI and TV models can be connected directly to the TV Screen. A great advantage of the High-Speed Real-Time 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 with objects that need to be moved around under the microscope.

Applications

- > When 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 smartboard/ interactive whiteboard/ beamer



DIRECT TV CONNECTION

AM4112PT

DIRECT TV PAL
RCA CONNECTION

HIGH SPEED
REAL TIME

ADJUSTABLE
~10-70x & 200x

MAGNIFICATION
LOCK

RESOLUTION
628 x 586

For generic applications

AM4112PZT

DIRECT TV PAL
RCA CONNECTION

HIGH SPEED
REAL TIME

ADJUSTABLE
~10-70x & 200x

MAGNIFICATION
LOCK

RESOLUTION
628 x 586

POLARIZER
ANTI-REFLECTION

AM4112PTL

DIRECT TV PAL
RCA CONNECTION

HIGH SPEED
REAL TIME

CONTINUOUS
~10x-90x

MAGNIFICATION
LOCK

RESOLUTION
628 x 586

LONG WORKING
DISTANCE
4-15 cm

DIRECT VGA CONNECTION

AM4116T

DIRECT VGA
CONNECTION

HIGH SPEED
REAL TIME

ADJUSTABLE
~10-70x & 200x

MAGNIFICATION
LOCK

RESOLUTION
800 x 600

AM4116ZT

DIRECT VGA
CONNECTION

HIGH SPEED
REAL TIME

ADJUSTABLE
~10-70x & 200x

MAGNIFICATION
LOCK

RESOLUTION
800 x 600

POLARIZER
ANTI-REFLECTION

AM4116TL

DIRECT VGA
CONNECTION

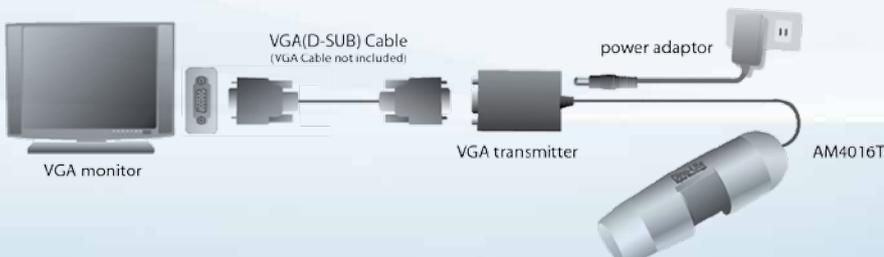
HIGH SPEED
REAL TIME

CONTINUOUS
~10x-90x

MAGNIFICATION
LOCK

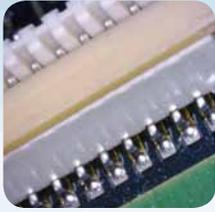
RESOLUTION
800 x 600

LONG WORKING
DISTANCE
4-15 cm



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

Dino-Lite High-Speed Real-Time HD



HR DIRECT VGA CONNECTION

AM5116T



DIRECT VGA CONNECTION



HIGH SPEED REAL TIME



ADJUSTABLE
~10-70x & 200x



RESOLUTION
1074 x 768

AM5116ZT



DIRECT VGA CONNECTION



HIGH SPEED REAL TIME



ADJUSTABLE
~10-70x & 200x



RESOLUTION
1074 x 768



POLARIZER
ANTI-REFLECTION

AM5116ZTL



DIRECT VGA CONNECTION



HIGH SPEED REAL TIME



CONTINUOUS
~10x-90x



RESOLUTION
1074 x 768



LONG WORKING
DISTANCE
4-15 cm



POLARIZER
ANTI-REFLECTION

HIGH DEFINITION INTERFACE/ DVI

AM5018MT



DVI CONNECTOR



HIGH SPEED REAL TIME



ADJUSTABLE
~10-70x & 200x



HD
720 p



METAL HOUSING

High Definition Interface

AM5018MZT



DVI CONNECTOR



HIGH SPEED REAL TIME



ADJUSTABLE
~10-70x & 200x



HD
720 p



METAL HOUSING

High Definition Interface

High Definition Interface

High Definition Interface

AM5018MZTL



DVI CONNECTOR



HIGH SPEED REAL TIME



ADJUSTABLE
~10-70x & 200x



HD
720 p



METAL HOUSING

High Definition Interface

High Definition Interface

High Definition Interface



All Dino-Lite models with a aluminum housing are ESD safe

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 100 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 Medical Device Class 1 devices – According to Directive 93/42/EEC modified 2007/47/EC.



Applications

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



1-2 DermaScope

3-4 TrichoScope

DERMASCOPE

DermaScope MEDL4D



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~20 - 200x



1.3 MEGAPIXEL
1280 x 1024

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

Also available:
- DermaScope MEDL4DM, with fixed end caps

To be used with DinoCapture or DermaVu software, see page 22

DermaScope HR MEDL7D



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~20 - 200x



5 MEGAPIXEL
2592 x 1944



METAL HOUSING

Also available:
- DermaScope HR MEDL7DM, with fixed end caps

To be used with DermaVu software, see page 22

TrichoScope MEDL4HM



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10 - 70x & 200x



MAGNIFICATION LOCK



1.3 MEGAPIXEL
1280 x 1024



POLARIZER ANTI-REFLECTION

Also available:
- TrichoScope basic MEDL3H
- TrichoScope without polarization filter MEDL4HMA

TRICHOSCOPE

TrichoScope HR MEDL7HM



USB 2.0



MEASUREMENT FUNCTIONALITY



ADJUSTABLE
~10 - 70x & 200x



5 MEGAPIXEL
2592 x 1944



POLARIZER ANTI-REFLECTION

TrichoScope High Magnification MEDL4HM4



USB 2.0



MEASUREMENT FUNCTIONALITY



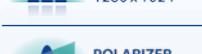
ADJUSTABLE
~400x - 470x



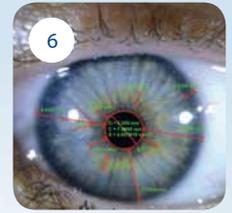
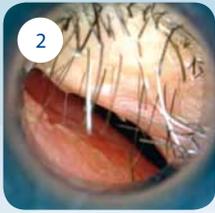
MAGNIFICATION LOCK



1.3 MEGAPIXEL
1280 x 1024



POLARIZER ANTI-REFLECTION



1-2 EarScope

3-4 CapillaryScope

5-6 IrisScope



EARSCOPE

**EarScope Basic
MEDL3E**



USB 2.0



ADJUSTABLE
~20-30x



VGA RESOLUTION
640 x 480

Comes with disposable
specula of 3, 4 and
5 mm

**EarScope Pro
MEDL4E**



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~55-90x



1.3 MEGAPIXEL
1280 x 1024

Comes with disposable
specula of 3, 4 and
5 mm

Also available:
- EarScope Pneumatic,
MEDL4EP

OTHER

**CapillaryScope
MEDL4N5**



USB 2.0



MEASUREMENT
FUNCTIONALITY



FIXED
~500x



1.3 MEGAPIXEL
1280 x 1024

Also available:
- CapillaryScope200
MEDL4N

**IrisScope
MEDL4R**



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-20x



1.3 MEGAPIXEL
1280 x 1024

Equipped with 2 white
and 2 yellow LED's,
switchable

Dino-Lite medical products are Medical
Device Class 1 devices – According to
Directive 93/42/EEC modified 2007/47/EC

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

Economic 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



1 Antique coin, 20x magnified
2 Gemstone 200x magnified

3 Vespula head (wasp) 50x magnified
4 Old Dutch stamp 50x magnified

AM2111



USB 2.0



ADJUSTABLE
~10-70x & 200x



VGA RESOLUTION
640 x 480



4 WHITE LED's
NON SWITCHABLE

Economic choice
for home use

AM3113T



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



VGA RESOLUTION
640 x 480



8 WHITE LED's
SWITCHABLE

For enhanced
consumer and light
industrial applications

Dino-Lite Mobile

The ultimate solution in portable microscopy, a dedicated combination of a Dino-Lite digital microscope with high magnification and a portable digital recorder with a 5 inch LCD panel. The D15 LCD recorder is a lightweight, pocket sized inspection device with real time image/video capture options. Pictures and videos can be recorded onto the micro SD card, so that they can be easily transferred to the PC with the USB cable or SD card. A great tool for scientific or medical field research or for quality control in production environments. The D15 LCD recorder can be used with the special AMK versions of the Dino-Lite analog models.

Applications

Broad range of applications, especially where it is undesirable or inconvenient to use a computer or laptop.

- > Scientific/medical field research
- > Inspection in industrial/production environments
- > On-site forensics
- > In the field biological research



D15 recorder with LCD screen

- Image output: JPG/ JPEG format
- Video output: MPEG-AVI movies
- 5.0" LCD display
- Screen resolution: 800x480
- Picture resolution: max 720x576
- Storage on micro SD card (Up to 32GB), 4GB micro SD card included
- USB port to directly transfer content to a PC
- Dimensions of recorder: 13,1 cm x 8,6 cm x 1,8 cm
- Weight of recorder: 200 gram
- Rechargeable Li- battery with 3200 mAh
- Language of menu: English/ French/German/ Spanish/Dutch
- PC operating system: Windows and Mac OS

AMK4012T-D15



A/V jack included to connect to a TV set

Great solution for inspection in the field

AMK4012ZT-D15



A/V jack included to connect to a TV set

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

AMK4012TL-D15



A/V jack included to connect to a TV set

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

DinoEye 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. 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 (USB models only).

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).



STANDARD EYEPIECE CAMERA'S

AM4023



USB 2.0



1.3 MEGAPIXEL
1280 x 1024



MEASUREMENT
FUNCTIONALITY



FITS 23 mm
OCULARS

Economic choice to digitize existing microscopes

AM4023CT



USB 2.0



1.3 MEGAPIXEL
1280 x 1024



MEASUREMENT
FUNCTIONALITY



CONNECTS
TO C-MOUNT

Can be mounted on an endoscope when combined with a C-Mount adapter

AM423U



USB 2.0



1.3 MEGAPIXEL
1280 x 1024



MEASUREMENT
FUNCTIONALITY

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

Fits almost any type of microscope

AM4023X



USB 2.0



1.3 MEGAPIXEL
1280 x 1024



MEASUREMENT
FUNCTIONALITY



FITS 23, 30, 30,5 mm
OCULARS

Very flexible model to be used on oculars of different sizes

AM422PX



DIRECT TV PAL
RCA CONNECTION



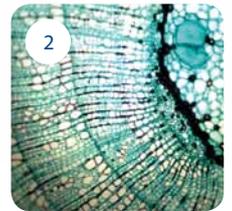
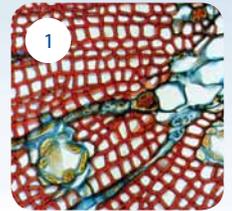
RESOLUTION
628 x 586



FITS 23, 30, 30,5 mm
OCULARS

Very flexible model to be used on oculars of different sizes

DinoEye eyepiece cameras HR 5 megapixel



- 1 Cell structure viewed with eyepiece camera
- 2 Tilia stem viewed with eyepiece camera

HIGH RESOLUTION EYEPIECE CAMERA'S

AM7023

USB 2.0

5 MEGAPIXEL
2592 x 1944

MEASUREMENT
FUNCTIONALITY

FITS 23 mm
OCULARS

AM7023B

USB 2.0

5 MEGAPIXEL
2592 x 1944

MEASUREMENT
FUNCTIONALITY

FITS 30 & 30,5 mm
OCULARS

AM7023CT

USB 2.0

5 MEGAPIXEL
2592 x 1944

MEASUREMENT
FUNCTIONALITY

CONNECTS
TO C-MOUNT

Can be mounted on an endoscope when combined with a C-Mount coupler

ACCESSORY



The C-mount coupler is used to connect a DinoEye eyepiece camera to an endoscopic camera. The C-mount adapter has a standard 25mm diameter male thread.

For proper measurement results, it is recommended to always perform a calibration.

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.



MS52B

Dino heavy duty jointed flex arm stand (also available with table base: MS52BA2)



MS35B

Square metal base with column and support providing fully adjustable height



MS36B

Identical to MS35B stand, but with an additional horizontal beam



MS35BE

Metal stand, vertical positioning, ESD proof version



MS36BE

Metal stand, vertical and horizontal position, ESD proof version



MS34B

Table stand with vertical orientation: precision focus and stable viewing in a compact design



MS33W

Round metal base with flexible arm



MS23B

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



MS16C

Specimen holder with different clips to hold specimens



MS09B

Ultra-portable mini stand that holds the Dino-Lite in place whenever you need to



MSAK810

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



MS12C

Caddy with two variable view range adapters



MS25X

Robust Inspection turntable



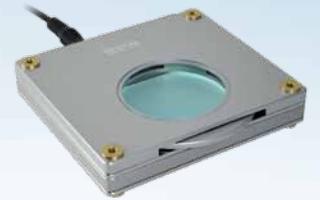
MS15X

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



MS-W1

Special stand for cylindrical surfaces or to roll on flat surfaces



BL-ZW1

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



SL-ZW1

Polarized USB powered gooseneck light



MSAA502

Multipurpose adapter / light shield



FC-L-MA1

Mirror angle cap for AD long working distance models



FC-L-TB1

Tube extension for AD long working distance models



KM-01 Focus Control

The KM-01 can be used to control the Dino-Lite focus wheel without touching the device. This is especially useful when the Dino-Lite needs to be isolated during use



Caps for AD-series

Many additional caps are available, such as open, closed caps or polarized caps for generic applications and many special caps especially developed for specific applications



Diffusers

An additional snap-on plastic insert for the Dino-Lite handheld microscopes that causes the light to spread evenly, therefore reducing the amount of glare



SW-F1

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

Dino-Lite software

A professional, reliable software environment is essential when working with computer accessories like an USB microscope. All Dino-Lite USB products are delivered with an in-house developed software program. 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 DinoXscope for Macintosh computers. DinoCapture software is intuitive, user-friendly and can be used without hardly any training. Free online & e-mail software support is available.

Languages

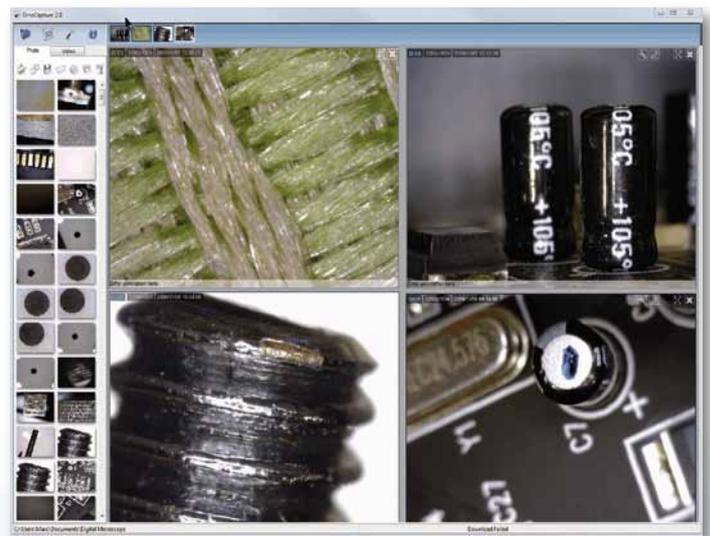
The DinoCapture 2.0 software is available in many languages, such as: English, German, French, Spanish, Chinese, Japanese, Korean, Portuguese, Italian, Russian, Dutch, Greek, Hungarian, Polish, Romanian, Swedish, Finnish, Danish, Czech, Croatian, Norwegian, Turkish, Arabic.

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.

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/MSN 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 2.0
Compatible with Windows XP®,
Windows Vista®, Windows 7®,
Windows 8®



DinoXscope
Compatible with Mac OS X®



SDK

Third party software

All Dino-Lite USB products are supplied with the DinoCapture and DinoXscope 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.

DPM analyzing software

The DPM analyzing software (developed by FIBRO System AB, part of the TMI Group) is a software package designed for analyzing / physical property testing that comply with applicable ISO/IEC 13660:1997/E. Currently the DPM Analyzing software is available for 3 industries.

DPM Print & Paper

- > Automatic calibration of scale and background correction
- > Manual measurement of distances, angles, circles and enclosed areas
- > Automatic characterization and detection of dots & satellites, voids, leading and trailing edges, shapes
- > Mottling & graininess function

Target markets

All companies active in the printing industry like offset printing, flexography, digital printing, textile printing and so on. Or companies in the pulp and paper industry.

DPM Paint & Lacquers

- > Automatic calibration of scale and background correction
- > Manual measurement of distances, angles, circles and enclosed areas
- > Buchholz indentation
- > Cross cut adhesion
- > Byko-cut film thickness
- > Cupping test
- > Duro-Test hardness
- > Coating defects
- > Colour mottle
- > Colour check (24-bit)

Target markets

Companies such as car manufacturers, painting operations, paint suppliers and testing laboratories.

DPM Textile

- > Automatic calibration of scale and background correction
- > Manual measurement of distances, angles, circles and enclosed areas
- > Cleanliness
- > Stain spreading
- > Stain saturation
- > Abrasion test
- > Colour mottle
- > Colour bleeding
- > Colour check (24-bit)

Target markets

Textile manufacturers, textile laboratories and manufacturers of washing machines, detergents and textile links.

Technical specifications of the DPM software:

- > Compatible with Windows XP, Windows Vista (32 and 64), Windows 7 (32 and 64), Windows 8
- > Languages: German, English, Spanish, French, Italian, Dutch, Portuguese, Russian, Finnish, Swedish, Korean, Chinese, Japanese

Third party software

DermaVu

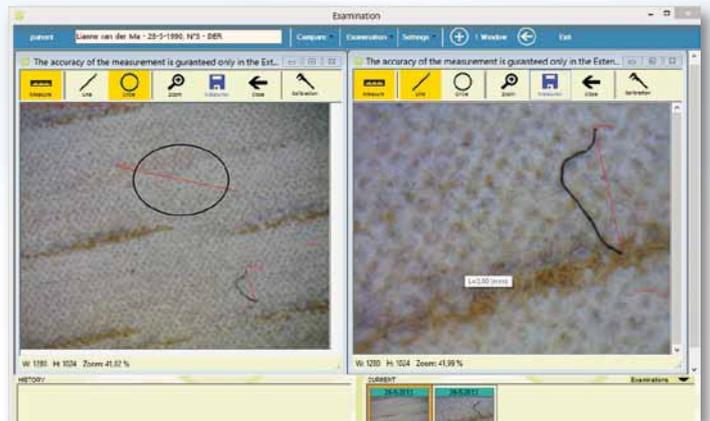
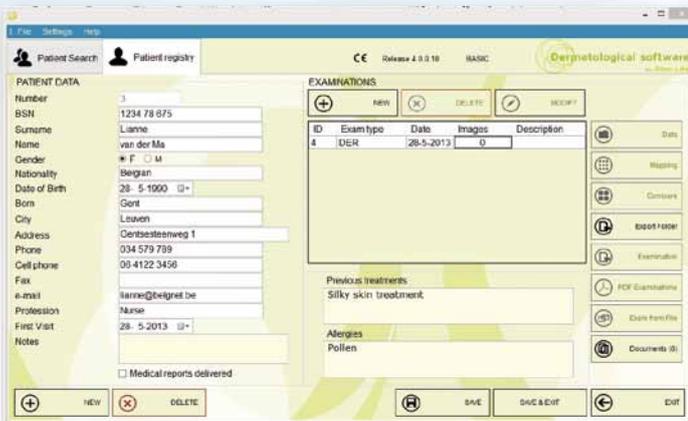
DermaVu is a powerful and multi-lingual solution for a wide range of dermatological applications. The core of the DermaVu systems consists of a professional dermatological software solution in combination with a Dino-Lite digital DermaScope. The Dino-Lite DermaScope is both a handheld video camera and a digital microscopic camera.

DermaVu allows the user to adjust several vital settings like resolution, contrast, color or brightness. The key dermatological

features are electronic patient record, patient search, body mapping, mole mapping, Image comparisons, monitoring skin lesions and printing and exporting of medical reports.

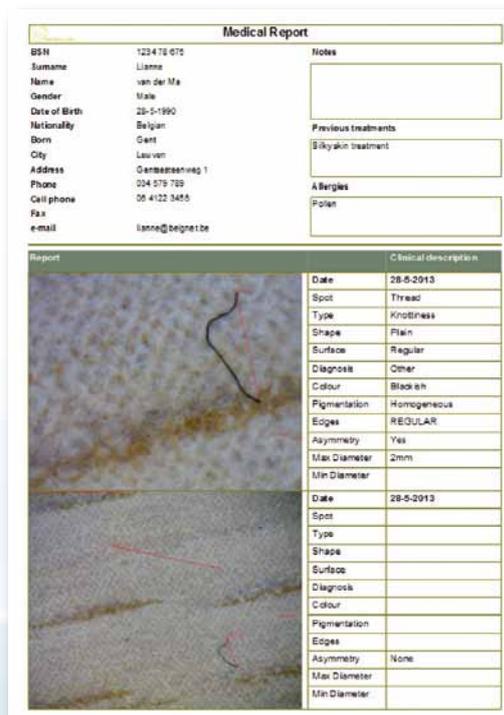
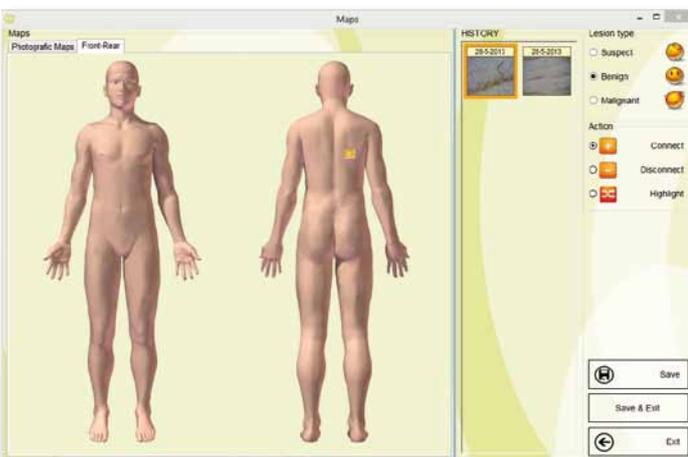
Technical specifications DermaVu:

- > Compatible with Windows XP, Windows Vista (32 and 64), Windows 7 (32 and 64), Windows 8
- > Languages: German, English, Spanish, French, Italian, Dutch



With a clear and easy to use entry screen basic patient information can quickly be entered into the system. From one screen you can insert, modify and delete basic patient data. With the Quick patient registration function only a limited set of data is required to enter. Additional data can be complemented in a later stage.

The basic image comparison function is meant for manual/visual comparison of 2 to 4 images. The images made with the Dino-Lite DermaScope can be easily moved and ranked for a visual comparison by the doctor. Comparisons can be stored for later retrieval.



All relevant information including pictures can be gathered into a clear and detailed PDF report.

The mole mapping function in DermaVu makes it possible to map and catalogue the patient's moles (naevi/moles). The pictures made of the patient's skin can be mapped on a supplied set of human shapes (front/ rear, male/female).

Dino-Lite in use

Education



The microscopic world comes alive in the classroom. Up to 200 times magnifications give a wonderful insight to details that normally stay hidden. Just connect the Dino-Lite Basic (AM2111) to the PC and you get instant results on the screen. You can study insects, electronics, printed materials and so much more. The Dino-Lite Basic has a price performance that makes it suitable for use by individual students in the classroom.

The Dino-Lite Pro is the ideal solution to show and discuss microscopic images in the classroom. Use the Dino-Lite Pro (for instance AM4113T or AM7013MT) with its high resolution on a digital blackboard or on a screen. These Dino-Lite models feature a touch button to capture images directly. With the Dino-Lite software you can even make measurements on the pictures. To make really good pictures with the Dino-Lite, the use of a stand is recommended. The flexible stand (MS33W) can be oriented in all directions. The professional stand MS35B offers even more precision. The position of the Dino-Lite can be fixed and adapted vertically.

The Dino-Lite USB microscope gives students instant access to the small world

Teledermatology



The Dutch health care institution Ksyos Tele Medical Center focuses on research, development and introduction of teleconsultation in the regular health care. Ksyos cooperates with over 3500 doctors and 2000 medical specialists and paramedics in telecardiology, teledermatology, teleophthalmology and telepulmonology.

Ksyos is offering the tele-dermatology service since early 2011. Physicians interested in using this service have the option of using a Dino-Lite digital DermaScope, which is seen as a major incentive for starting tele-dermatology. Physicians currently using the Dino-Lite experience this equipment as versatile and very easy to use. The direct link to the PC is generally seen as one of the most important features. A general practitioner can use a secure web application to send over dermatoscopic images to the dermatologist, including patient data and medical history.

Physicians currently using the Dino-Lite experience it as versatile and very easy to use

Jewelry industry



Dino-Lite has developed a special range of microscopes and accessories, tailored to fit the needs of the jewelry industry. Specially designed polarized lighting makes it an ideal solution for inspection and working on jewelry, watches or precious stones. Bundled with the Dino-Capture software for Windows or DinoXcope for Macintosh software, the Dino-Lite is a very powerful and easy to use tool.

A professional solution for inspection, quality control, classifying and working on jewelry, watches, diamonds and gemstones. The models with long working distance of up to 15 cm enables the user to work under the microscope. The builtin adjustable polarizer helps to reduce glare on shiny objects. Available in composite and full aluminum alloy housing.

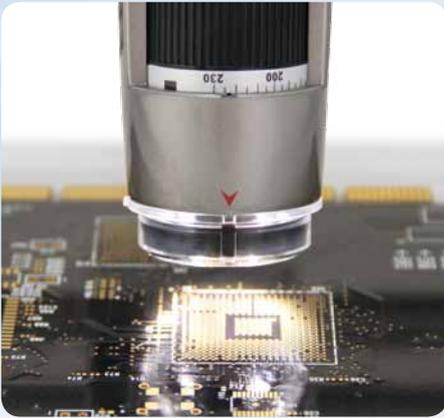
In the diamond, watch and jewelry business the following target groups can be distinguished:

- > Watch repair and manufacturing
- > Gemologists
- > Diamond jewelers and traders
- > Diamond cutters
- > Jewelers
- > Gemstone collectors

Specially designed polarized lighting makes it an ideal solution for inspection and working on jewelry, watches or precious stones

Dino-Lite in use

Industrial quality control



The Dino-Lite has become an indispensable tool for quality inspection in all manufacturing industries and for materials inspection across industries. Dino-Lites are mobile, easy to use and versatile for on-the-job applications. Instead of bringing manufactured product or materials to a large microscope, the Dino-Lite digital microscope goes with you on the job.

Miniaturization is a key word in manufacturing for automotive, medical devices, electronics etc. Dino-Lite digital microscopes support this process with detail inspection, fault detection, comparison and analysis, rework and many more.

The Dino-Lite can be integrated with existing visualization and control software. Many software companies and in-house developers have already taken advantage of the free SDK. Dino-Lite is truly redefining microscopy in industry.

With Dino-Lite, microscopy for quality control and precision work is available at each workspace

Cultural heritage



The Dino-Lite is in use at many restorer's studios around Europe. The Dino-Lite is a very useful tool for classifying, documenting and performing restorations on paintings, paper, textiles and other objects of art. For restorer Marjan de Visser, the Dino-Lite is a very helpful tool in her restoration work:

'When restoring a painting, it was unclear whether parts of it were painted over and whether in the past any damage had been done by varnish removal. It was said, that in the past, a friend of the owner did them a favor by cleaning the painting with a strong acid. Something went wrong with this, and to examine this properly, I inspected the painting with a Dino-Lite digital microscope at 45x magnification. It shows old varnish in deeper layers of the paint. The top layer has been cleaned and the varnish suffered from that.'

The full range comprises models with a long working distance to enable the user to work under the microscope, and models with an extra high 500x magnification rate to show even the smallest details. There are also several different models with UV or Infrared light to show details that would normally remain hidden.

A very useful tool for classifying, documenting and performing restorations on all kind of objects of art

Graphical industry



Printing companies are excited about the possibilities of Dino-Lite for quality control of printing and paper. Niels Brügemann, owner of printing company Brügemann: 'With the Dino-Lite USB microscope we can easily and with high detail check prints and offset plates! The Dino-Lite USB microscope is an excellent addition of the ancient magnifier, which we have been using for decades. The USB microscope enlarges up to 200x, which enables us to easily and very detailed check prints or paper structure. With one push of the button, the images are saved on the PC. Apart from the checking of prints we can also check the offset plates for unevenness.'

According to the product manager supplies at Tetterode-Nederland, Dino-Lite eases the communication of technical aspects in the graphic field much more efficiently. 'With the Dino-Lite we are able to zoom in on the print or plate, which makes the cause of a (print technical) problem much clearer. Especially the alternative to mail the 'photos' makes communication in our profession a lot more efficient.'

With the Dino-Lite digital microscopes the graphic industry has found a versatile way to check printing, printing plates and paper structure

Model overview

Model	Connectivity	Measurement & calibration	Magnification	Resolution	Long working distance	LEDs	Exchangable caps	Polarizer	Magnification lock	Metal housing	Other
Pro HR 5 megapixel											
AM7013MT	USB 2.0	✓	10-70x,200x	5 megapixel	-	white	-	-	-	✓	
AM7013MZT	USB 2.0	✓	10-70x,200x	5 megapixel	-	white	-	✓	-	✓	
AM7013MZT4	USB 2.0	✓	400-470x	5 megapixel	-	white	-	✓	-	✓	
AD7013MT	USB 2.0	✓	20-200x	5 megapixel	-	white	✓	-	-	✓	
AD7013MZT	USB 2.0	✓	20-200x	5 megapixel	-	white	✓	✓	-	✓	
AD7013MTL	USB 2.0	✓	10-90x	5 megapixel	✓	white	✓	-	-	✓	
ProX metal series											
AM4013MT	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	white	-	-	-	✓	
AM4013MZT	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	white	-	✓	-	✓	
AM4013MTL	USB 2.0	✓	10-90x	1.3 megapixel	✓	white	-	-	-	✓	
AM4013MZTL	USB 2.0	✓	10-90x	1.3 megapixel	✓	white	-	✓	-	✓	
AM4013MT5	USB 2.0	✓	500x fixed	1.3 megapixel	-	white	-	-	-	✓	with diffuser
AM4013MZT4	USB 2.0	✓	400-470x	1.3 megapixel	-	white	-	✓	-	✓	
Pro series											
AM4113T	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	white	-	-	✓	-	
AM4113ZT	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	white	-	✓	✓	-	
AM4113TL	USB 2.0	✓	10-90x	1.3 megapixel	✓	white	-	-	✓	-	
AM4113TL-M40	USB 2.0	✓	5-40x	1.3 megapixel	✓	white	-	-	✓	-	enhanced field of view
AM4113T5	USB 2.0	✓	500x fixed	1.3 megapixel	-	white	-	-	✓	-	with diffuser
AM4113ZT4	USB 2.0	✓	400-470x	1.3 megapixel	-	white	-	✓	✓	-	
Pro2 exchangeable caps											
AD4113T	USB 2.0	✓	20-200x	1.3 megapixel	-	white	-	-	✓	-	
AD4113ZT	USB 2.0	✓	20-200x	1.3 megapixel	-	white	-	✓	✓	-	
AD4113TL	USB 2.0	✓	20-90x	1.3 megapixel	✓	white	-	-	✓	-	
AD4113ZTL	USB 2.0	✓	20-90x	1.3 megapixel	✓	white	-	✓	✓	-	
AD4013MT	USB 2.0	✓	20-200x	1.3 megapixel	-	white	-	-	-	✓	
AD4013MZT	USB 2.0	✓	20-200x	1.3 megapixel	-	white	-	✓	-	✓	
AD4013MTL	USB 2.0	✓	20-90x	1.3 megapixel	✓	white	-	-	-	✓	
AD4013MZTL	USB 2.0	✓	20-90x	1.3 megapixel	✓	white	-	✓	-	✓	
Special light series											
AM3713TB	USB 2.0	✓	10-70x,200x	VGA (640x480)	-	white, stroboscopic	-	-	✓	-	high speed camera
AM4113T-VW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400nm UV + white, switchable	-	-	✓	-	switchable, without filter
AM4113T-FVW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400nm UV + white, switchable	-	-	✓	-	switchable, with filter
AM4113T-FV2W	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	365nm UV + white, switchable	-	-	✓	-	switchable, with filter
AM4113TL-VW	USB 2.0	✓	10-90x	1.3 megapixel	✓	400nm UV + white, switchable	-	-	✓	-	switchable, without filter
AM4113TL-FVW	USB 2.0	✓	10-90x	1.3 megapixel	✓	400nm UV + white, switchable	-	-	✓	-	switchable, with filter
AM4013MT-VW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400nm UV + white, switchable	-	-	-	✓	switchable, without filter
AM4013MT-FVW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400nm UV + white, switchable	-	-	-	✓	switchable, with filter
AM4013MTL-VW	USB 2.0	✓	10-90x	1.3 megapixel	✓	400nm UV + white, switchable	-	-	-	✓	switchable, without filter
AM4013MTL-FVW	USB 2.0	✓	10-90x	1.3 megapixel	✓	400nm UV + white, switchable	-	-	-	✓	switchable, with filter
AM4113FVT	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400nm UV	-	-	✓	-	UV lighting
AM4113FV2T	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	365nm UV	-	-	✓	-	UV lighting
AM413FIT	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	850nm IR	-	-	✓	-	infrared lighting
AM413FI2T	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	940nm IR	-	-	✓	-	infrared lighting
AD4113T-I2V	USB 2.0	✓	20-200x	1.3 megapixel	-	400nm UV + 940nm IR, switchable	✓	-	✓	-	switchable UV/IR light
AM4113T-GFBW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	480 nm green	-	-	✓	-	fluorescent lighting
AM4113T-CFVW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	400 nm cyan	-	-	✓	-	fluorescent lighting
AM4113T-RFYW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	575 nm red (MCherry)	-	-	✓	-	fluorescent lighting
AM4113T-YFGW	USB 2.0	✓	10-70x,200x	1.3 megapixel	-	525 nm orange to red (DSRed)	-	-	✓	-	fluorescent lighting
High-Speed Real time											
AM4112PT	TV (PAL)	-	10-70x,200x	628x586	-	white	-	-	✓	-	
AM4112PZT	TV (PAL)	-	10-70x,200x	628x586	-	white	-	✓	✓	-	
AM4112PTL	TV (PAL)	-	10-90x	628x586	✓	white	-	-	✓	-	
AM4012MPT	TV (PAL)	-	10-70x,200x	628x586	-	white	-	-	-	✓	
AM4012MPZT	TV (PAL)	-	10-70x,200x	628x586	-	white	-	✓	-	✓	
AM4012MPTL	TV (PAL)	-	10-90x	628x586	✓	white	-	-	-	✓	
AD4112PTL	TV (PAL)	-	20-90x	628x586	✓	white	✓	-	-	-	
AM4116T	VGA (D-Sub)	-	10-70x,200x	800x600	-	white	-	-	✓	-	
AM4116ZT	VGA (D-Sub)	-	10-70x,200x	800x600	-	white	-	✓	✓	-	
AM4116TL	VGA (D-Sub)	-	10-90x	800x600	✓	white	-	-	✓	-	
AM4116ZTL	VGA (D-Sub)	-	10-90x	800x600	✓	white	-	✓	✓	-	
AD4116T	VGA (D-Sub)	-	20-200x	800x600	-	white	✓	-	✓	-	
AD4116TL	VGA (D-Sub)	-	20-90x	800x600	✓	white	✓	-	✓	-	

Model	Connectivity	Measurement & calibration	Magnification	Resolution	Long working distance	LEDs	Exchangable caps	Polarizer	Magnification lock	Metal housing	Other
High-Speed Real time HD											
AM5116T	TV (PAL)	-	10-70x,200x	1047x768	-	white	-	-	-	-	
AM5116ZT	TV (PAL)	-	10-70x,200x	1047x768	-	white	-	✓	-	-	
AM5116ZTL	TV (PAL)	-	10-90x	1047x768	✓	white	-	✓	-	-	
AM5018MT	DVI	-	10-70x,200x	HD 720p	-	white	-	-	-	✓	
AM5018MZT	DVI	-	10-70x,200x	HD 720p	-	white	-	✓	-	✓	
AM5018MZTL	DVI	-	10-90x	HD 720p	✓	white	-	✓	-	✓	
Medical/life sciences											
DermaScope MEDL4D	USB 2.0	✓	20-200x	1.3 megapixel	-	white	✓	✓	✓	-	Medical device class 1
DermaScope HR MEDL7D	USB 2.0	✓	20-200x	5 megapixel	-	white	-	✓	-	✓	Medical device class 1
TrichoScope MEDL4HM	USB 2.0	✓	10-70x,200x	1.3 megapixel	-		-	✓	✓	-	Medical device class 1
TrichoScope HR MEDL7HM	USB 2.0	✓	10-70x,200x	5 megapixel	-		-	✓	-	-	Medical device class 1
TrichoScope High Magnification MEDL4HM4	USB 2.0	✓	400-700x	1.3 megapixel	-		-	✓	✓	-	Medical device class 1
EarScope Basic MEDL3E	USB 2.0	-	20-30x	VGA (640x480)	-	white	-	-	-	-	Medical device class 1
EarScope Pro MEDL4E	USB 2.0	✓	55-90x	1.3 megapixel	-	white	-	-	✓	-	Medical device class 1
EarScope Pneumatic MEDL4EP	USB 2.0	✓	55-90x	1.3 megapixel	-	white	-	-	✓	-	Medical device class 1
CapillaryScope MEDL4N5	USB 2.0	✓	500x	1.3 megapixel	-	white	-	-	✓	-	Medical device class 1
CapillaryScope200 MEDL4N	USB 2.0	✓	500x	1.3 megapixel	-	white	-	-	✓	-	Medical device class 1
IrisScope MEDL4R	USB 2.0	✓	10-20x	1.3 megapixel	-	white/yellow	-	-	✓	-	Medical device class 1
Basic series											
AM2111	USB 2.0	-	10-70x,200x	VGA (640x480)	-	white	-	-	-	-	4 LEDs
AM3113T	USB 2.0	✓	10-70x,200x	VGA (640x480)	-	white	-	-	-	-	measurement & calibration
Mobile series											
AM4012PT- D15											
AM4012PZT-D15											
AM4012PTL-D15											
DinoEye eyepieces											
AM4023	USB 2.0	✓	*	1.3 megapixel	-		-	-	-	-	for 23 mm ocular
AM4023CT	USB 2.0	✓	-	1.3 megapixel	-		-	-	-	-	for C-Mount connector
AM423U	USB 2.0	✓	**	1.3 megapixel	-		-	-	-	-	fits over ocular of up to 36 mm
AM4023X	USB 2.0	✓	*	1.3 megapixel	-		-	-	-	-	for 23, 30 and 30.5 mm ocular
AM422PX	TV (PAL)	-	*	628x586	-		-	-	-	-	for 23, 30 and 30.5 mm ocular
DinoEye HR Eyepieces											
AM7023	USB 2.0	✓	*	5 megapixel	-		-	-	-	-	for 23 mm ocular
AM7023B	USB 2.0	✓	*	5 megapixel	-		-	-	-	-	for 30 and 30,5 mm ocular
AM7023CT	USB 2.0	✓	-	5 megapixel	-		-	-	-	-	for C-Mount connector
Accessories											
MS52B			Dino heavy duty jointed flex arm stand (also available with table base: MS52BA2)								
MS36B			Metal stand,vertical and horizontal position								
MS36BE			Metal stand,vertical and horizontal position, ESD proof version								
MS35B			Metal stand, vertical positioning								
MS35BE			Metal stand, vertical positioning, ESD proof version								
MS34B			Table stand with vertical orientation								
MS33W			Orientable table stand with metal base								
MS25X			Robust Inspection turntable								
MS23B			Flexible gooseneck stand with desktop clamp								
MS09B			Table stand, small open and closed base								
MS12C			Transparent Table holder with 3 fixed viewing distances								
MS15X			X/Y table, to be used independently or in combination with MS35B/MS36B								
MS16C			Object holder stand								
MS-W1			Rolling stand for inspection of flat and cylindrical surfaces								
BL-GC1			Gem Clip for Backlight (BL-ZW1)								
BL-ZW1			Backlight pack with rotatable polarizer								
MSAH352			Silicone Protection cover								
MSAA502			Multipurpose adapter / light shield								
FC-L-MA1			Mirror angle cap for AD long working distance models (AD4113TL/AD4116TL/AD4112PTL/AD4013MTL/AD4013MZTL/AD7013MTL etc.)								
FC-L-TB1			Tube extension for AD long working distance models (AD4113TL/AD4116TL/AD4112PTL/AD4013MTL/AD4013MZTL/AD7013MTL etc.)								
MS30X			Vertical extension set for MS35B/MSB								
MSAK810			Adjustable flex arm for MS35B/MS36B								
SL-ZW1			USB powered side-light with gooseneck								
SW-F1			USB foot pedal								
KM-01			Focus control								
AD caps			Many additional caps								

* These models of DinoEye have a built-in magnification between 60 - 80x depending on the setup.

* These models of DinoEye have a built-in magnification between 6 - 8x depending on the setup.

For proper measurement results, it is recommended to always perform a calibration.

Powerful
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