# Dino-Lite
## Digital Microscope
### The Industry Standard

DINO-LITE PRODUCT RANGE FOR:

# Art and paper restorers, conservators, antique collectors, museums and archeologists

## APPLICATIONS

The Dino-Lite digital microscopes are tailored for a broad range of user groups. In the art and paper restorers business the following target groups can be distinguished:
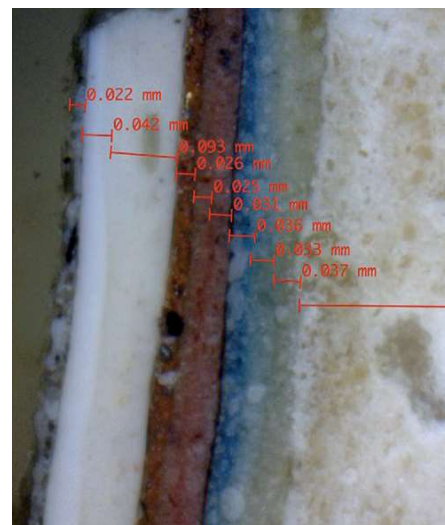
Painting and art restorers
> Art and antique collectors
> Museums
> Forensic departments
> Auction houses
> Archeologists
> Palaeontologist

## A PROFESSIONAL SOLUTION

Professional solution for inspection, quality control, classifying and working on art, paintings, ancient relics, antiques or old coins. The series with long working distance of up to 15 cm enables the user to work under the microscope. The built-in adjustable polarizer helps to reduce glare on shiny objects. Available in composite or full aluminum alloy housing.

## A POWERFUL TOOL

Dino-Lite has developed a special range of microscopes and accessories, tailored to fit the needs of art and paper restorers and everybody working with art, paintings, ancient relics, antiques, old coins, etc. The Dino-Lite products are available for professionals as well as for hobbyists. Specially designed models with UV light, infrared light or built-in polarizer make it an ideal solution for inspection and working on all kinds of art and antique. Bundled with the DinoCapture software for Windows or DinoXcope software for Apple Macintosh, the Dino-Lite is a very powerful and easy to use tool.

THE DINO-LITE IS VERY USEFUL FOR ANALYZING AND RESTORING PAINTINGS, DOCUMENTS, TEXTILES AND OTHER OBJECTS OF ART.
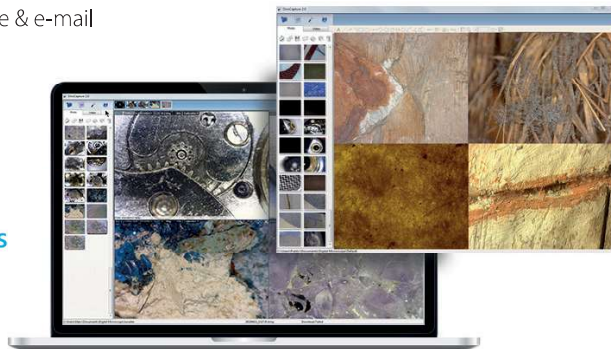
# DINO-LITE SOFTWARE

## ADVANCED SOFTWARE INCLUDED

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 DinoXcope 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, Portuguese, Italian, Russian, Dutch, Greek, Hungarian, Polish, Romanian, Swedish, Finnish, Danish, Czech, Croatian, Norwegian, Turkish.

## 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 notes and markings on images
> Skype integration for real-time on-line sharing with suppliers, customers or colleagues
> Connect multiple Dino-Lite microscopes
> Controlling lighting options from the software
> IP functionality for remote viewing of microscopic images
> Barcode/QR code recognition functionality
> GPS integration

Windows

MAC OS

# DINO-LITE UNIVERSAL

## AM4113ZT

**The main features of the AM4113ZT are:**

1.3 Megapixel sensor │ USB 2.0 connection │ 10-70x & 200x magnification │ Adjustable integrated polarizer │ 8 white switchable white LEDs │ Extensive measurement functionality │ Calibrated measurements

## AM4013MZT

**The main features of the AM4013MZT are:**

1.3 Megapixel sensor │ USB 2.0 connection │ 10-70x & 200x magnification │ Adjustable integrated polarizer │ 8 white switchable white LEDs │ Metal housing, Extensive measurement functionality Calibrated measurements.

**1.3 MEGAPIXEL** 1280 x 1024    **USB 2.0**    **ADJUSTABLE** ~10-70x & 200x

**POLARIZER ANTI-REFLECTION**    **8 WHITE LEDs SWITCHABLE**    **MEASUREMENT FUNCTIONALITY**

**STANDARD WORKING DISTANCE**

**1.3 MEGAPIXEL** 1280 x 1024    **USB 2.0**    **ADJUSTABLE** ~10-70x & 200x

**POLARIZER ANTI-REFLECTION**    **8 WHITE LEDs SWITCHABLE**    **MEASUREMENT FUNCTIONALITY**

**STANDARD WORKING DISTANCE**

## AM4515ZT

**The main features of the AM4515ZT are:**

1.3 Megapixel sensor | USB 2.0 connection | 20-220x magnification Adjustable integrated polarizer | 8 white switchable white LEDs Automatic Magnification Reading (AMR) | Extensive measurement functionality | Calibrated measurements | Exchangeable caps.

## AM7915MZT

**The main features of the AM7915MZT are:**

5 Megapixel sensor | USB 2.0 connection | 10-220x magnification Adjustable integrated polarizer | 8 white switchable white LEDs Metal housing | Flexible LED Control (FLC) | Extended Depth of Field (EDOF) | Extended Dynamic Range (EDR) | Automatic Magnification Reading (AMR) | Extensive measurement functionality | Calibrated measurements | Exchangeable caps.



1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | ADJUSTABLE ~20-220x

POLARIZER ANTI-REFLECTION | 8 WHITE LEDs SWITCHABLE | AUTOMATIC MAGNIFICATION READING AMR

MEASUREMENT FUNCTIONALITY | STANDARD WORKING DISTANCE | EXCHANGEABLE CAP



5 MEGAPIXEL 2592 x 1944 | USB 2.0 | ADJUSTABLE ~10-220x

POLARIZER ANTI-REFLECTION | 8 WHITE LEDs SWITCHABLE | METAL HOUSING

FLEXIBLE LED CONTROL FLC | EXTENDED DEPTH OF FIELD EDOF | EXTENDED DYNAMIC RANGE EDR

AUTOMATIC MAGNIFICATION READING AMR | MEASUREMENT FUNCTIONALITY | EXCHANGEABLE CAP

# DINO-LITE LONG WORKING DISTANCE

## AM4113ZTL

**The main features of the AM4113ZTL are:**

1.3 Megapixel sensor ┃ USB 2.0 connection ┃ 10-90x magnification
Long Working Distance (LWD) ┃ Adjustable integrated polarizer
8 white switchable white LEDs ┃ Extensive measurement functionality
Calibrated measurements.



|  |  |  |
|---|---|---|
| 1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | CONTINUOUS ~10x - 90x |
| LONG WORKING DISTANCE 4-15 cm | POLARIZER ANTI-REFLECTION | 8 WHITE LEDs SWITCHABLE |
| MEASUREMENT FUNCTIONALITY | EXCHANGEABLE CAP |  |

## AM4013MZTL

**The main features of the AM4013MZTL are:**

1.3 Megapixel sensor ┃ USB 2.0 connection ┃ 10-90x magnification
Long Working Distance (LWD) ┃ Adjustable integrated polarizer
8 white switchable white LEDs ┃ Metal housing ┃ Extensive
measurement functionality ┃ Calibrated measurements.



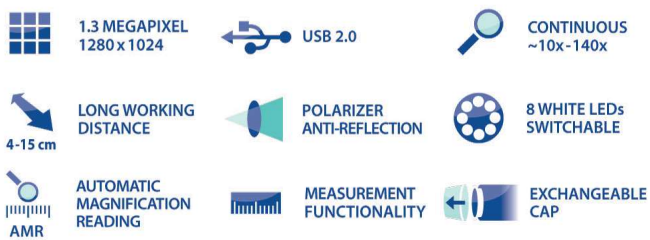|  |  |  |
|---|---|---|
| 1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | CONTINUOUS ~10x - 90x |
| LONG WORKING DISTANCE 4-15 cm | POLARIZER ANTI-REFLECTION | 8 WHITE LEDs SWITCHABLE |
| METAL HOUSING | MEASUREMENT FUNCTIONALITY | EXCHANGEABLE CAP |

## AM4515ZTL

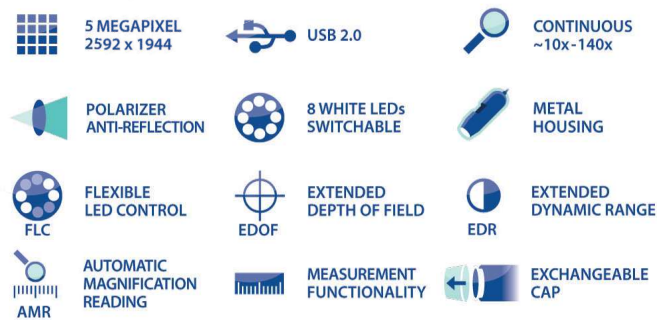**The main features of the AM4515ZTL are:**

1.3 Megapixel sensor │ USB 2.0 connection │ 10-140x magnification
Adjustable integrated polarizer │ 8 white switchable white LEDs
Automatic Magnification Reading (AMR) │ Extensive measurement
functionality │ Calibrated measurements │ Exchangeable caps.



| | 1.3 MEGAPIXEL 1280 x 1024 | | USB 2.0 | | CONTINUOUS ~10x-140x |
| | LONG WORKING DISTANCE 4-15 cm | | POLARIZER ANTI-REFLECTION | | 8 WHITE LEDs SWITCHABLE |
| | AUTOMATIC MAGNIFICATION READING AMR | | MEASUREMENT FUNCTIONALITY | | EXCHANGEABLE CAP |

## AM7915MZTL

**The main features of the AM7915MZTL are:**

5 Megapixel sensor │ USB 2.0 connection │ 10-140x magnification
Long Working Distance (LWD) │ Adjustable integrated polarizer
8 white switchable white LEDs │ Metal housing │ Flexible LED Control
(FLC) │ Extended Depth of Field (EDOF) │ Extended Dynamic Range
(EDR) │ Automatic Magnification Reading (AMR) │ Extensive
measurement functionality │ Calibrated measurements │ Exchange-
able caps.



| | 5 MEGAPIXEL 2592 x 1944 | | USB 2.0 | | CONTINUOUS ~10x-140x |
| | POLARIZER ANTI-REFLECTION | | 8 WHITE LEDs SWITCHABLE | | METAL HOUSING |
| | FLEXIBLE LED CONTROL FLC | | EXTENDED DEPTH OF FIELD EDOF | | EXTENDED DYNAMIC RANGE EDR |
| | AUTOMATIC MAGNIFICATION READING AMR | | MEASUREMENT FUNCTIONALITY | | EXCHANGEABLE CAP |

# DINO-LITE SPECIAL LIGHTING

## AM4113T-FVW

**The main features of the AM4113T-FVW are:**

1.3 Megapixel sensor | USB 2.0 connection | 10-70x & 200x magnification | Ultraviolet (UV) LEDs with 390-400nm | 4 white / 4 UV LEDs | Extensive measurement functionality | Calibrated measurements.

UV

| | | |
|---|---|---|
| 1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | ADJUSTABLE ~10-70x & 200x |
| UV-LEDs 390~400 nm | SWITCHABLE UV/WHITE LEDs | MEASUREMENT FUNCTIONALITY |
| STANDARD WORKING DISTANCE | | |

## AD4113T-I2V

**The main features of the AD4113T-I2V are:**

1.3 Megapixel sensor | USB 2.0 connection | 20-200x magnification Ultraviolet (UV) 390nm and Near-infrared (NIR) 940nm LEDs 4 Ultraviolet (UV) / 4 Near-infrared (NIR) LEDs | Extensive measurement functionality | Calibrated measurements | Exchangeable caps.

UV   IR

| | | |
|---|---|---|
| 1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | ADJUSTABLE ~20-200x |
| UV-LEDs 400 nm | INFRARED LEDs ~940nm | SWITCHABLE UV/IR LEDs |
| MEASUREMENT FUNCTIONALITY | EXCHANGEABLE CAP | |

## AM4115T-FVW

**The main features of the AM4115T-FVW are:**

1.3 Megapixel sensor | USB 2.0 connection | 20-220x magnification Ultraviolet (UV) LEDs with 390-400nm | 4 white / 4 UV LEDs | Extensive measurement functionality | Calibrated measurements | Exchangeable caps.

## AM7115MT-FUW

**The main features of the AM7115MT-FUW are:**

5 Megapixel sensor | USB 2.0 connection | 20-220x magnification Ultraviolet (UV) LEDs with 375nm | 4 white / 4 UV LEDs | Metal housing | Extensive measurement functionality | Calibrated measurements | Exchangeable caps.

UV

UV

| | | |
|---|---|---|
| 1.3 MEGAPIXEL 1280 x 1024 | USB 2.0 | ADJUSTABLE ~20-220x |
| UV-LEDs 390~400 nm | SWITCHABLE UV/WHITE LEDs | MEASUREMENT FUNCTIONALITY |
| EXCHANGEABLE CAP | | |

| | | |
|---|---|---|
| 5 MEGAPIXEL 2592 x 1944 | USB 2.0 | ADJUSTABLE ~20-220x |
| UV-LEDs 375 nm | METAL HOUSING | MEASUREMENT FUNCTIONALITY |
| EXCHANGEABLE CAP | | |

## 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).

## AM4025X

The AM4025X has different adapters to fit microscopes with 23, 30 or 30,5 mm eyepieces. The DinoCapture software is bundled with the product.



USB 2.0

MEASUREMENT FUNCTIONALITY

FITS 23, 30, 30,5 mm OCULARS

1.3 MEGAPIXEL 1280 x 1024

CONNECTS TO C-MOUNT

## AM7025X

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



USB 2.0

MEASUREMENT FUNCTIONALITY

FITS 23, 30, 30,5 mm OCULARS

5 MEGAPIXEL 2592 x 1944

CONNECTS TO C-MOUNT

# DINO-LITE ACCESSORIES

More info: www.dino-lite.eu/accessories

## RK-06A

The Dino-Lite RK-06A stand is a sturdy and stable mid-range stand solution that can be used with all Dino-Lite digital microscopes. It is constructed of stainless steel and lightweight aluminum and offers precise focus adjustment as well as a quick vertical release function.

## RK-10A

The Dino-Lite RK-10A stand is a sturdy and stable high-range stand solution that can be used with all Dino-Lite digital microscopes. It is constructed of stainless steel and lightweight aluminum and offers precise focus adjustment as well as a quick vertical release function.

## RK-10-FX

The RK-10-FX is an optional flexible arm extension for the RK-06A and the RK-10A stand.

## RK-10-PX

The RK-10-PX is a XY positioning arm with accurate and smooth adjustment options. It is a great add-on to the high precision RK-10A and the RK-06A stand.

## RK-10-EX

The RK-10-EX is an optional horizontal arm attachment for the RK-06A and the RK-10A stand.

## RK-10-VX

RK-10-VX is an optional vertical arm attachment for the RK-06A and the RK-10A stand.

# DINO-LITE ACCESSORIES

More info: www.dino-lite.eu/accessories

## MS52BA2

Dino-Lite heavy duty jointed flex arm stand. The MS52BA2 is a jointed articulating flex-arm type stand with holster for use with the Dino-Lite hand held digital microscopes.

## RK-02

The RK-02 is a durable gooseneck stand solution designed for flexible and versatile usage with a Dino-Lite digital microscope. The C-clamp of the RK-02 fits to virtually any surface of up to 7 cm (~3 inch) thick, and can be mounted horizontally or vertically.

## SW-F1

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

## WF-10

The WF-10 WiFi Streamer allows Dino-Lite USB 2.0 models to be used wirelessly in connection with an iOS (iPhone/iPad) or Android app on a tablet, smartphone, or computer.