Dino-Lite
Digital Microscope

What is the Dino-Lite?

The Dino-Lite digital microscope is an amazing and easy to use portable handheld device for inspection, testing, and documentation. As the live image is displayed on a monitor, users are able to inspect and analyze the image using software while sitting in a comfortable upright position.

All Models Include

2-YEAR WARRANTY • FREE TECH SUPPORT

At the Booth

AM73915MZT
High Resolution &
Great Frame Rate

AF4915ZT
USB &
Wireless Ready

RK-10A
Designed for Precision
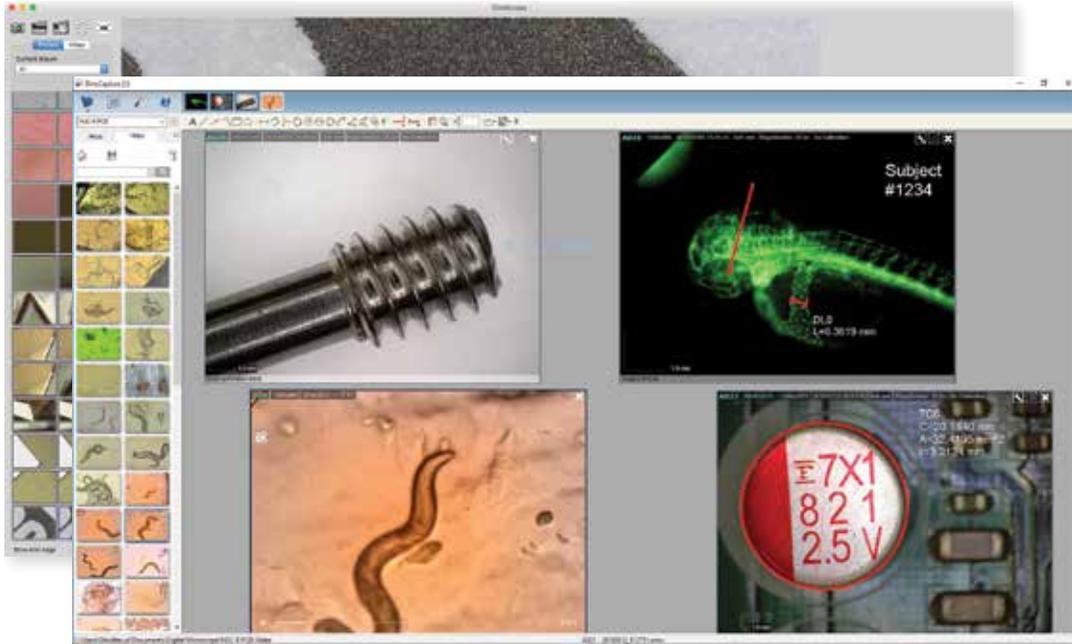
RK-06A
Designed for Versatility

Visit us online at dinolite.us

- Product Demos
- Training Videos
- Tech Support
- Company Information

- Software Updates
- Specification Information

...and more!

Key Features

Capture Images & Video

Easily save images, videos, and time-lapse videos using the included license-free software.

Preview Window Tools

- Snapshot
- Video Recorder
- Time-Lapse Video
- EDR-Extended Dynamic Range*
- EDOF-Extended Depth of Field*
- Microtouch*
- White Balance*
- Auto Exposure Setting
- LED Control*
- Flexible LED Control*
- Camera Adjustment Setting
- Maximize Window
- Close Window

*Feature can only be found on specific Dino-Lite models.

Adjust Image Settings

Use the software settings panel to adjust lighting, colors, brightness, contrast, and other settings.

Connectivity Types

Available connection types include USB 2.0, USB 3.0, TV(RCA), VGA, and HDMI.

Magnification Ranges

Our standard magnification range is 10x-220x. Select models go up to 900x.

Housing Types

Our ABS and medical-grade plastic bodies are very reliable and strong. For enhanced protection, the metal body consists of aerospace grade machine tooled aluminum.

Lighting Control

Sometimes light can be a damaging factor. Many Dino-Lite models have a built-in adjustable polarizer for reducing glare. Diffuser caps, lighting accessories, and exposure adjustments also help to achieve optimal results.

Measurement & Annotation

Most models have measurement capability for lines, circles, angles, and more. Snap measurements to any edge for ease of use. You can also add annotations for easy file organization.

Special Lighting - IR/UV/Fluorescence

Models are available with fluorescence, UV, and IR. A small sample is listed here. Contact us for more information.

Series	Excitation Wavelength	Emission Filter	Series	Excitation Wavelength	Emission Filter
FUW (UV)	375nm	N/A	YFGW	525nm	570nm
GFBW	480nm	510nm	DFRW	620nm	650nm
GRFBY	480/575	510/610	FJT (IR)	940nm	N/A

Mobile Solutions

DinoConnect App with Wi-Fi Adapters

Dino-Lite CONNECT Wireless adapters stream the live view from a compatible Dino-Lite to smartphones, tablets, and Wi-Fi enabled computers. It creates a powerful, portable solution for use anywhere. DinoCapture 2.0, or DinoConnect on iOS, even allow you to take measurements on the go.

Chromebooks

Some Dino-Lite models may be used with Google Chromebooks by using the default camera application.

DinoDirect App for Android

Connect a compatible Dino-Lite model by USB to a supported Android device and use the DinoDirect app to view a live image, and capture images and videos.

Accessories

RK-10A Stand & Add-ons

Our universal ergonomic tabletop stand featuring precise focus adjustments and a smooth quick release function. The included arm can be replaced or extended with various add-ons maximizing viewing angles and versatility.

1. RK-10A - $269
Universal Stand

2. RK-10-FX - $39
Flexible Extension

3. RK-10-VX - $39
Vertical Extension

4. RK-10-PX - $99
XY-Positioning Arm

5. MSA2T - $30
Add-on Height
Extender Accessory

2   **3**

1   **4**   **5**

More Stands

MS09B - $34
Ultra Portable

MS34B-R3 - $99
Compact Dual-Fine
Inspection Stand

MS35B - $99
Stable Desktop Stand

RK-06A - $189
Mount Holder with
Arm Extension

MS33A - $99
Articulating Stand

MS33M - $119
Articulating Stand
with Magnet Base

RK-02 - $129
Sturdy Articulating
Desk Clamp

MS53B - $249
Jointed Articulating
Mount

Other Accessories

N3C-R - $89
Ring Light for
Edge Series

N3C-A - $109
Coaxial Light Cap for
Edge Series

BL-CDW - $369
Bright Field & Dark
Field Backlight Stage

BL-ZW1 - $299
Polarized Backlight

Additional Accessories

MS62W1 - $149
Wheel Rack Stand

MS62P - $99
Rolling Rack

MS15X-S2 - $199
XY Rotation Stage for
MS35B/RK-06A/RK-10A

MS26X - $399
XY Inspection Rack

MSAK813 - $299
Flexible Adjustable
Power LED attachment*

MS37B-M4 - $399
Quad Scope Stand
(4 Jointed Arms)

MS37B-26MV2 - $499
Quad Scope Stand
(2 Jointed Arms)

VISION SYSTEM M1
Starting at **$895**

MS36A-A2 - $249
Vertical + Horizontal Mount
with Industrial Base

MS36A-C2 - $209
Adjustable Precision
Mount with Clamp

MS36A-A3 - $369
Adjustable Precision Mount
with Heavy Base

MS53BA3 - $369
Jointed Articulating Mount
with Weighted Base

HD-M1 - $69
Metal Screw Grip Holster

MSA3M - $49
Metal Secure
Snap-In Holster

MSAK843 - $69
Multifunction Gemstone Stage

MS16D - $69
Dual-Axis Rotating
Specimen Stand

RK-06-PL - $35
Extension Pole for RK-06A*

WF-10 - $199
Wi-Fi Accessory*

MS17TSW-F1 - $99
Foot Pedal Controller

KM-01 - $399
Knob Motor

*Additional accessories required.

Working Distance

The Working Distance (WD) is the distance between the end of the Dino-Lite and the object being viewed.

The most versatile models have as little as zero working distance at certain magnifications while others are designed for applications that require more space.

WORKING DISTANCE AT 50X

Standard 10x-220x	Long 5x-140x	Far or Extended 10x-70x

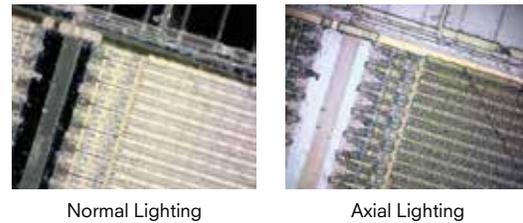## EDGE SERIES ADVANCED FEATURES*:

+ INTERCHANGEABLE CAP DESIGN

Most Edge series models have a removable cap design and include a set of alternate caps. Each cap has a different lighting and focus effect for increased versatility.

N3C-O (9.5mm)   N3C-E (12.5mm)   N3C-C (9.5mm)

N3C-L (30mm)   N3C-D (14mm)   N3C-S (14mm)

+ AUTOMATIC MAGNIFICATION READING

AMR automatically communicates the current magnification to the DinoCapture 2.0 software for more efficient and accurate measurements.

+ FLEXIBLE LED CONTROL (FLC)

With controllable LED quadrants, switching capability, and a 6-level adjustable luminance, FLC provides greater control of the lighting.

+ COAXIAL LIGHTING

Some models include a coaxial lighting mode that can reveal hidden details not visible otherwise.

Normal Lighting   Axial Lighting

+ EXTENDED DEPTH OF FIELD (EDOF)

EDOF automatically captures and combines multiple images at different focal planes to produce one clear image.

Normal Image   EDOF

*Advanced features vary by model.

Dino-Eye Camera

Dino-Eye cameras are designed to convert your existing traditional, stereo, or compound microscope into a digital microscope. Simply insert the camera in the eyepiece, or C-mount, and connect via USB. Dino-Eye cameras are available in a number of different sizes to fit your microscope.

Dino-Lite Direct (TV)

Designed to connect directly to a TV display, Dino-Lite connect models are available with RCA, VGA, or HDMI connection. Plug in your display and power on, no software needed. Great for applications that only require viewing, or when a computer is not available.

HDMI   RCA   VGA

Product List

Dino-Lite Digital Microscope - Consumer Series

Product	MSRP	Resolution	Magnification	Interface	Measurement	Polarizer	Metal Housing	FLC	AMR+EDOF	Working Distance	Special Features*
Dino-Lite Basic											
AM2111	$99	640x480	10x-50x, 230x	USB 2.0						Standard	4 LEDs On
Dino-Lite Premier											
AM3111T	$199	640x480	10x-50x, 230x	USB 2.0						Standard	
AF3113T	$299	640x480	10x-50x, 200x	Modular	■					Standard	
AM4113ZT	$499	1280x1024	10x-50x, 220x	USB 2.0	■	■				Standard	
AM4113ZTL	$549	1280x1024	10x-90x	USB 2.0	■	■				Long	

Dino-Lite Digital Microscope - Professional Series

Product	MSRP	Resolution	Magnification	Interface	Measurement	Polarizer	Metal Housing	FLC	AMR+EDOF	Working Distance	Special Features*
Dino-Lite Edge (USB)											
AF4115ZT	**$629**	**1280x1024**	**10x-220x**	Modular	■	■		■		**Standard**	
AF4915ZT	**$899**	**1280x1024**	**20x-220x**	Modular	■	■		■	■	**Standard**	
AF4915ZTL	**$929**	**1280x1024**	**10x-140x**	Modular	■	■		■	■	**Long**	
AM7115MZT	$995	2592x1944	10x-220x	USB 2.0	■	■	■	■		Standard	
AM7115MZTL	$1,069	2592x1944	10x-140x	USB 2.0	■	■	■	■		Long	
AM7515MT4A	$1,129	2592x1944	415x-470x	USB 2.0	■		■			Standard	COAX+AMR
AM7515MT8A	$1,249	2592x1944	700x-900x	USB 2.0	■		■			Standard	COAX+AMR
AM7915MZT	$1,269	2592x1944	10x-220x	USB 2.0	■	■	■	■	■	Standard	
AM7915MZTL	$1,299	2592x1944	10x-140x	USB 2.0	■	■	■	■	■	Long	
AM73115MZTF	$1,199	2560x1920	10x-70x	USB 3.0	■	■	■	■		Far	
AM73915MZT	**$1,369**	**2560x1920**	**10x-220x**	**USB 3.0**	■	■	■	■	■	**Standard**	
AM73915MZTL	**$1,399**	**2560x1920**	**5x-140x**	**USB 3.0**	■	■	■	■	■	**Long**	
Dino-Lite Edge (TV)											
AM5212NZT	$529	960x480	10x-220x	TV/RCA		■				Standard	
AM5216ZT	$669	1280x720	10x-220x	VGA		■				Standard	
AM5216ZTL	**$699**	**1280x720**	**5x-140x**	**VGA**		■				**Long**	
AM5216ZTF	$729	1280x720	1x-70x	VGA		■				Far	
AM5218MZT	$949	1280x720	10x-220x	HDMI		■	■			Standard	
AM5218MZTL	**$969**	**1280x720**	**5x-140x**	**HDMI**		■	■			**Long**	

Dino-Lite Wireless Digital Microscopes

Product	MSRP	Resolution	Magnification	Interface	Measurement	Polarizer	Metal Housing	FLC	AMR+EDOF	Working Distance	Special Features*
WF3113T	$565	640x480	10x-50x, 200x	Modular	■					Standard	Wireless
WF4115ZT	$895	1280x1024	20x-220x	Modular	■	■		■		Standard	Wireless
WF4915ZT	**$1,165**	**1280x1024**	**20x-220x**	**Modular**	■	■		■	■	**Standard**	**Wireless**
WF4915ZTL	**$1,195**	**1280x1024**	**10x-140x**	**Modular**	■	■		■	■	**Long**	**Wireless**
WF4115ZT (W)	$899	1280x1024	20x-220x	Modular	■	■		■		Standard	Wireless
WF4115ZTL (W)	$925	1280x1024	10x-140x	Modular	■	■		■		Long	Wireless

Dino-Lite Eyepiece Camera

Product	MSRP	Resolution	Magnification	Interface	Measurement	Aperture Diameter
AM4025X	$429	1280x1024	20x	USB 2.0	■	23mm, 30mm, 30.5mm
AM7023CT	$599	2592x1944	1x	USB 2.0	■	C-Mount
AM7025X	**$649**	**2592x1944**	**20x**	**USB 2.0**	■	**23mm, 30mm, 30.5mm**

Accessories

Product	MSRP	Description
RK-06A	$189	General Purpose Tabletop Stand
RK-10A	$269	Precision Tabletop Stand with Quick Release & Fine Adjustment
WF-20	$269	Wireless Adapter for "AF" and "WF" Prefix Models

Items in bold are best sellers

*EDOF features are available only on Windows only. Unless otherwise noted, all models include 8 White LEDs. (AM2111 has 4 LEDs always on)
 Modular = USB Connection and WF-20 Compatible

Additional products and technical specification sheets available

Applications

Industrial

- Quality Control
- Automotive
- Textile & Composite
- Nonwovens
- Testing
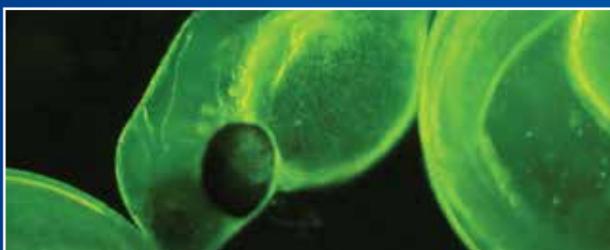- Manufacturing
- Machine Vision

PCB & IC

- Component Inspection
- Soldering
- Quality Control
- Failure Analysis
- BGA Inspection
- Counterfeit PCB/IC
- Silicon Wafer

Medical

- Veterinary
- General Medical
- Dermatology
- Eye / Ear / Nose / Throat

Laboratory

- Life Science
- Genetics
- Zebrafish
- Slides

Fluorescence/UV

- Zebrafish
- Genetics
- GFP/RFP
- Counterfeit Detection
- Forensics
- Custom Wavelengths

Science

- Geology
- Archaeology
- Paleontology
- Plants
- Insects
- Mineralogy

Education/Academics

- Teaching
- Research Lab
- Field Research

Jewelry/Collectibles

- Jewelry
- Coin & Numismatic
- Antiques
- Hobby