Dino-Lite
Digital Microscope



Redefine the microscope

www.dinolite.us

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

New Products

Edge 3.0

Our USB 3.0 microscopes can achieve up to 45 FPS at full, uncompressed 1280x960 resolution.

OTHER FEATURES INCLUDE:

- Improved color accuracy
- 2560x1920 Maximum Resolution
- Removable USB 3.0 Cable
- Standard, Long, and Far working distance models available



MODELS

AM73915MZT ($1369)
- Standard Working Distance
- 10x-220x Magnification

AM73915MZTL ($1399)
- Long Working Distance
- 10x-140x Magnification

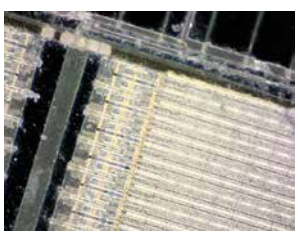
AM73115MTF ($1129)
- Far Working Distance
- 10x-70x Magnification

Integrated Wi-Fi

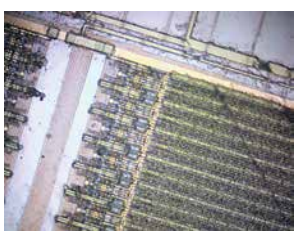
Select upcoming models will have built-in Wi-Fi. Connect to your computer, phone or tablet, no cables needed!

Coaxial Lighting Models

Built-in coaxial lighting can reveal hidden details not visible otherwise. The N3C-A cap provides similar results for compatible models.



Normal Lighting



Coaxial Lighting

New Eyepiece Camera

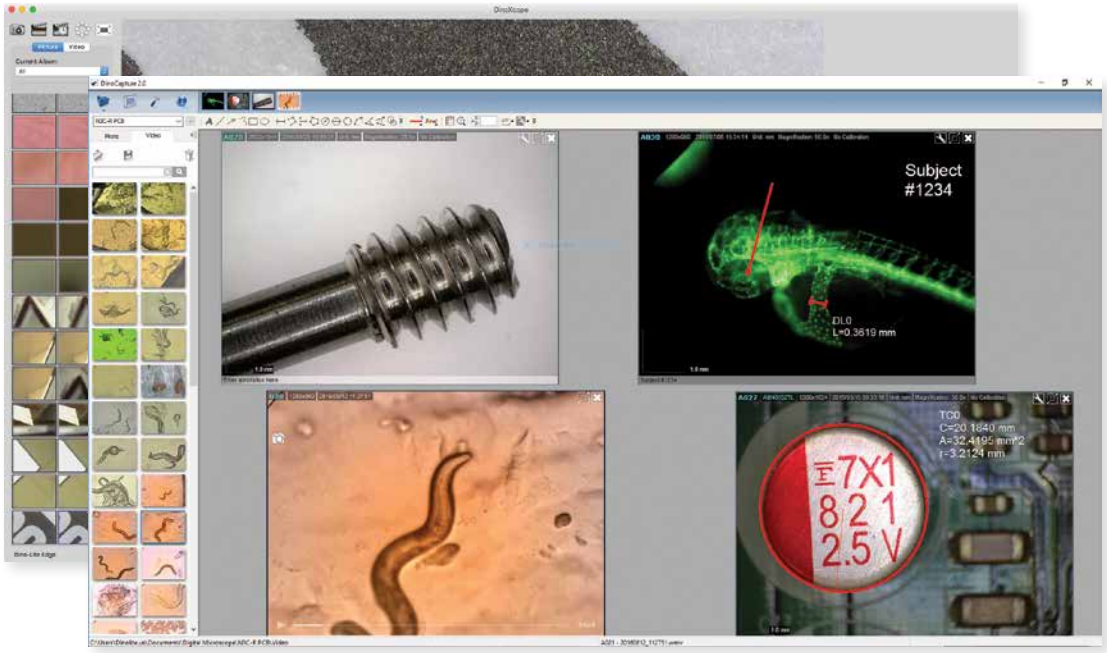
The AM7025X is our first Edge Series eyepiece camera. The AM7025X features enhanced color accuracy, 2592x1944 maximum resolution, and better clarity overall.



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

There are various ways to connect different Dino-Lite models, such as USB 2.0, USB 3.0, TV (RCA), VGA, and HD/DVI connections.

Magnification Ranges

Simple to use with powerful results, our standard magnification ranges from 10x-220x, with models up to 900x.

High Resolution

The Dino-Lite 5MP Edge Series are specially designed for industrial applications where users can benefit from the higher resolution for detailed inspections, with a maximum resolution of 2592x1944.

Two Housing Types

The standard ABS plastic body is very reliable and strong. The metal body consists of aerospace-grade machine tooled aluminum, which offers enhanced protection.

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, including lines, circles, angles, and more. The snap feature lets you snap to any edge, allowing you to take measurements more easily. You can also add annotations for easy organization of files.

Special Lighting - IR/UV/Fluorescence

Along with white LED lighting, we offer models with special lighting such as fluorescence, UV, and IR. A small sample are listed here.

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



Mobile Solutions

WF-10 & DinoConnect App

The WF-10 WiFi adapter is designed to wirelessly stream the live image from a compatible Dino-Lite to mobile devices such as iPhones, iPads, Android phones, and Android tablets. Using the iOS DinoConnect app, you can even take measurements on the go.



Chromebooks

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

ANDROID APP ON Google play Available on the App Store



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


1


2


3


4


5

More Stands



MS09B - $34
Ultra Portable



MS35B - $99
Stable Desktop Stand



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



MS37B-2X - $329
Dual Stand with One Horizontal Arm



MS34B-R3 - $99
Compact Dual Fine Adjustment Stand



MS33W - $49
Articulating Desktop Stand



RK-02 - $129
Sturdy Articulating Desk Clamp



MS53BA3 - $369
Articulating Stand with Heavy Base for Camera (Tripod Connector)

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



MS23B - $39
Articulating Clamp Stand



MS37B-M4 - $399
Quad Scope Stand



MS37B-26 - $399
Dual Horizontal Arm Stand



MS45BX-D2 - $599
Dual Specimen Comparison Stand



MS09B-S - $39
Stainless Steel Ultra Portable Stand



MS62W1 - $149
Wheel Rack Stand



MS62P - $99
Rolling Rack



MSAK826 - $199
Photo Light Box for MS35B/MS36B*



MSHD-M1 - $69
Metal Holster



MSAK842 - $20
Multifunctional Stage for Diamonds & Gemstones



MS16D - $69
Dual-Axis Rotating Specimen Stand



MSAK845 - $199
Object Holder Attachment for MS35B*



MS15X-S2 - $199
XY Rotation Stage for RK-10A/MS35B/MS36B*



MS33A - $99
Articulating Single Lock Stand



MS17TSW-F1 - $99
Foot Pedal Controller



MSKM-01 - $399
Knob Motor



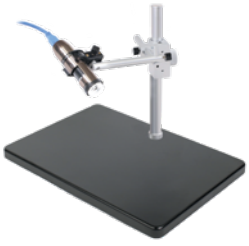
MSAR5B - $199
Thin Section Rotating Base for MSBL-ZW1*



MS35B-A810 - $139
Vertical Mount With Flex-Arm



MSAK813 - $299
Advanced Supplemental Dual Articulating Spot Light*



MS36BA2 - $249
Vertical + Horizontal Mount with Industrial Base (Black)

*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



Edge Series

Built to professional standards with high quality optical resolution, field of view enhancement, and more.

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

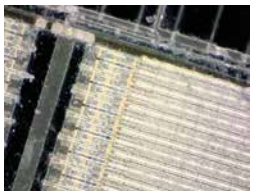
AMR automatically communicates the current magnification to the DinoCapture 2.0 software for more efficient and accurate measurements.

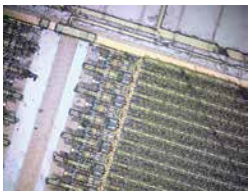
+ FLEXIBLE LED CONTROL (FLC)

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 points 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 HD/DVI 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.



Product List

Dino-Lite Digital Microscope

Product	MSRP	Resolution	Magnification	Interface	LEDs	Measurement & Calibration	Polarizer	Metal Housing	FLC	Working Distance	Special Features
Dino-Lite Basic											
AM2111	$99	640x480	10x-50x, 230x	USB 2.0	4-White					Standard	
Dino-Lite Premier											
AM3111	$149	640x480	10x-50x, 230x	USB 2.0	8-White					Standard	
AM4111T	$329	1280x1024	10x-50x, 230x	USB 2.0	8-White					Standard	
AM4113ZT	$499	1280x1024	10x-50x, 230x	USB 2.0	8-White	■	■			Standard	
AM4113ZTL	$549	1280x1024	10x-90x	USB 2.0	8-White	■	■			Long	
Dino-Lite Edge (USB)											
AM4115ZT	$629	1280x1024	10x-230x	USB 2.0	8-White	■	■			Standard	
AM4115ZTW	$689	1280x1024	2x-50x	USB 2.0	8-White	■	■			Wide Angle	
AM4115ZTF	**$699**	**1280x1024**	**10x-70x**	**USB 2.0**	**8-White**	■	■			**Far**	
AM4515ZT4	$749	1280x1024	400x-475x	USB 2.0	8-White	■	■			Standard	AMR
AM7115MZT	$995	2592x1944	10x-230x	USB 2.0	8-White	■	■	■	■	Standard	
AM7115MZTL	$1069	2592x1944	10x-140x	USB 2.0	8-White	■	■	■	■	Long	
AM7515MT4A	**$1129**	**2592x1944**	**400x-470x**	**USB 2.0**	**8-White**	■		■	■	**Standard**	**COAX+AMR**
AM7515MT8A	**$1249**	**2592x1944**	**700x-900x**	**USB 2.0**	**8-White**	■		■	■	**Standard**	**COAX+AMR**
AM7915MZT	$1269	2592x1944	20x-220x	USB 2.0	8-White	■	■	■	■	Standard	AMR+EDOF*
AM7915MZTL	$1299	2592x1944	10x-140x	USB 2.0	8-White	■	■	■	■	Long	AMR+EDOF*
AM73115MTF	**$1129**	**2560x1920**	**10x-70x**	**USB 3.0**	**8-White**	■		■	■	**Far**	
AM73915MZT	**$1369**	**2560x1920**	**20x-220x**	**USB 3.0**	**8-White**	■	■	■	■	**Standard**	**AMR+EDOF***
AM73915MZTL	**$1399**	**2560x1920**	**10x-140x**	**USB 3.0**	**8-White**	■	■	■	■	**Long**	**AMR+EDOF***
Dino-Lite Edge (TV)											
AM5212NZT	$529	960x480	10x-220x	TV/RCA	8-White		■			Standard	
AM5212MNZ	$599	960x480	10x-220x	TV/RCA	8-White		■	■		Standard	
AM5212MNZL	$649	960x480	5x-140x	TV/RCA	8-White		■	■		Long	
AM5216ZT	$669	1280x720	10x-220x	VGA	8-White		■			Standard	
AM5216ZTL	$699	1280x720	5x-140x	VGA	8-White		■			Long	
AM5216ZTF	**$729**	**1280x720**	**1x-70x**	**VGA**	**8-White**		■			**Far**	
AM5218MZT	**$949**	**1280x720**	**10x-220x**	**HD/DVI**	**8-White**		■	■		**Standard**	
AM5218MZTL	**$969**	**1280x720**	**5x-140x**	**HD/DVI**	**8-White**		■	■		**Long**	

Items in bold are new releases *EDOF features are available only on Windows

Dino-Eye Eyepiece Camera

Product	MSRP	Resolution	Base Magnification	Interface	Measurement & Calibration	Aperture Diameter
AM4023X	$299	1280x1024	20x	USB 2.0	■	23mm, 30mm, 30.5mm
AM4023CT	$329	1280x1024	1x	USB 2.0	■	C-Mount
AM4023U	$269	1280x1024	1x	USB 2.0	■	Over ocular up to 36mm
AM4025X	**$399**	**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**
AM422XN	$299	640x480	20x	TV/RCA		23mm, 30mm, 30.5mm

Accessories

Product	MSRP	Description
RK-10A	$269	Precision tabletop stand with quick release & fine adjustment
RK-10-FX	$39	Flexible arm attachment for RK-10A
RK-10-VX	$39	Vertical extension attachment for RK-10A
RK-10-PX	$99	XY positioning arm accessory for RK-10A
RK-02	$129	Sturdy gooseneck stand with C-clamp
MS35B	$99	Stable tabletop stand
RK-06A	$189	Mount holder with arm extension
MS09B	$34	Ultra portable lightweight stand

Product	MSRP	Description
MS33A	$99	Articulating single lock stand
MSA2P	$29	Extension pole for the MS35B/MS36B
MS34B-R3	$99	Ultra portable dual fine adjustment stand
KM-01	$399	Motor control for magnification knob
MS15X-S2	$199	XY and rotation stage for RK-10A/MS35B/MS36B
BL-ZW1	$299	Polarized backlight
BL-CDW	$369	Backlight stage with bright field & dark field illumination
WF-10	$289	Dino-Lite Wi-Fi Adapter for iOS & Android devices

Additional products and technical specification sheets available

Applications

Dino-Lite
Digital Microscope

Industrial



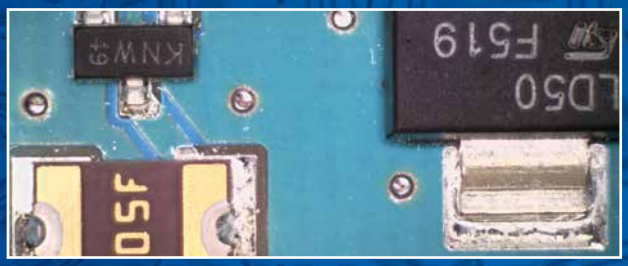
- Quality Control
- Automotive
- Textile & Composite
- Nonwovens
- Testing
- Manufacturing
- Machine Vision

Fluorescence/UV



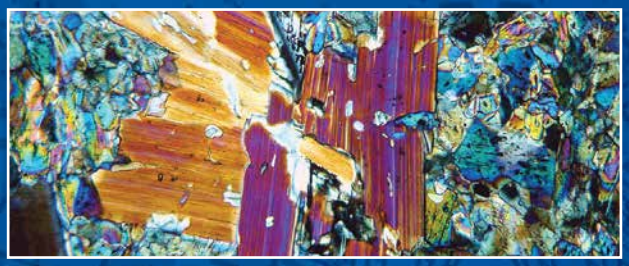
- Zebrafish
- Genetics
- GFP/RFP
- Counterfeit Detection
- Forensics
- Custom Wavelengths

PCB & IC



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

Science



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

Medical



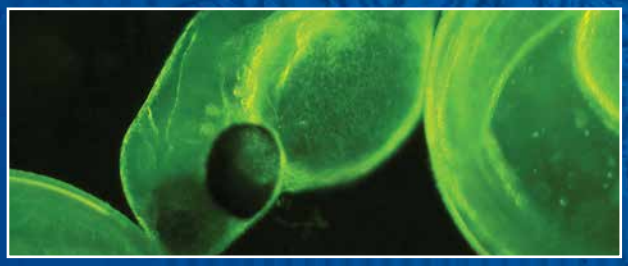
- Veterinary
- General Medical
- Dermatology
- Eye / Ear / Nose / Throat

Education/Academics



- Teaching
- Research Lab
- Field Research

Laboratory



- Life Science
- Genetics
- Zebrafish
- Slides

Jewelry/Collectibles



- Jewelry
- Coin & Numismatic
- Antiques
- Hobby

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