Dino-Lite
Digital Microscope

Redefine the microscope
www.dinolite.us
What is the Dino-Lite?

Dino-Lite digital microscopes are a powerful and easy to use solution, designed to fit a wide range of applications, including but not limited to: inspection, testing, and documentation. Users can view a live image displayed directly to a television, monitor or mobile screen. Dino-Lite offers a diverse, ready-to-use selection of microscopes as well as the option to customize a solution to fit your needs.

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.

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.

<table>
<thead>
<tr>
<th>Series</th>
<th>Excitation Wavelength</th>
<th>Emission Filter</th>
<th>Series</th>
<th>Excitation Wavelength</th>
<th>Emission Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUW (UV)</td>
<td>375nm</td>
<td>N/A</td>
<td>YFGW</td>
<td>525nm</td>
<td>570nm</td>
</tr>
<tr>
<td>GFW</td>
<td>480nm</td>
<td>510nm</td>
<td>DFRW</td>
<td>620nm</td>
<td>650nm</td>
</tr>
<tr>
<td>GRF8Y</td>
<td>480/575</td>
<td>510/610</td>
<td>FJT (IR)</td>
<td>940nm</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Feature can only be found on specific Dino-Lite models.
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
Our universal stands are suitable for every budget and offer a variety of precision focus adjustments, articulation and stability. Most stands can be expanded with additional accessories to maximize versatility and introduce new functionality.

RK-10A / RK-06A Add-Ons

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

RK-10-VX - $39
Vertical Extension

RK-10-FX - $39
Flexible Extension

MS2A2T - $30
Add-On 90° Adapter

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

Additional Accessories

RK-04 - $89
Small Stand with Focus Adjustment

RK-05 - $129
Small Stand with Tilt Adjustment

RK-05-VX - $25
Vertical Extension for RK-04/RK-05 Series

MS35B - $99
Stable Desktop Stand

MS35M - $119
Articulating Stand with Magnet Base

RK-02 - $129
Sturdy Articulating Desk Clamp
**Additional Accessories**

- **N3C-R - $89**  
  Ring Light for Edge Series

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

- **HD-M1 - $69**  
  Metal Screw Grip Holster

- **MSA3M - $49**  
  Metal Secure Snap-In Holster

- **WF-20 - $269**  
  Wi-Fi Accessory*

- **WF-10 - $199**  
  Wi-Fi Accessory*

- **MS17TWF-F1 - $99**  
  Foot Pedal Controller

- **KM-01 - $399**  
  Knob Motor

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

- **BL-ZW1 - $299**  
  Polarized Backlight

- **MSA813 - $299**  
  Flexible Adjustable Power LED Attachment*

- **MSA827 - $29**  
  LED Backlight

- **MSA843 - $69**  
  Multifunction Gemstone Stage

- **MS16D/MS16J - $39/$69**  
  Dual-Axis Rotating Specimen Stand

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

- **VISION SYSTEM M1 - Starting at $895**  
  Precision Motorized XYZ Stage

- **MS36A-C2 - $209**  
  Adjustable Precision Mount with Clamp

- **MS3BA3 - $249**  
  Vertical + Horizontal Mount with 25 lb. Industrial Base

- **MS26X - $299**  
  XY Inspection Rack

- **MS378-33MV2 - $399**  
  Quad Scope Stand (4 Jointed Arms)

*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.

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

Dino-Eye Camera

Dino-Eye cameras connect your existing microscope to Dino-Lite software to enable collaboration, documentation, measurements, and more. Simply insert the camera in the eyepiece or C-mount, and connect via USB.

Dino-Eye cameras are compatible with number of different eyepiece sizes.

Dino-Lite Direct (TV)

Connect directly to a TV display with either RCA, VGA, or HDMI. Plug in your display and power on, no software needed. These are great for applications that only require viewing such as assembly or dissection or when a computer is not available such as security restricted areas.

*Advanced features vary by model.
## Product List

### Dino-Lite Digital Microscope - Consumer Series

<table>
<thead>
<tr>
<th>Product</th>
<th>MSRP</th>
<th>Resolution</th>
<th>Magnification</th>
<th>Interface</th>
<th>Measurement</th>
<th>Polarizer</th>
<th>Metal Housing</th>
<th>FLC</th>
<th>AMR<em>EDOF</em></th>
<th>Working Distance</th>
<th>Special Features*</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF3113T</td>
<td>$299</td>
<td>640x480</td>
<td>10x-50x, 200x</td>
<td>Modular</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM4111T</td>
<td>$329</td>
<td>1280x1024</td>
<td>10x-50x, 230x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM4113ZT</td>
<td>$499</td>
<td>1280x1024</td>
<td>10x-50x, 230x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM4113ZTL</td>
<td>$549</td>
<td>1280x1024</td>
<td>10x-90x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
</tr>
</tbody>
</table>

### Dino-Lite Digital Microscope - Professional Series

#### Dino-Lite Edge (USB)

<table>
<thead>
<tr>
<th>Product</th>
<th>MSRP</th>
<th>Resolution</th>
<th>Magnification</th>
<th>Interface</th>
<th>Measurement</th>
<th>Polarizer</th>
<th>Metal Housing</th>
<th>FLC</th>
<th>AMR<em>EDOF</em></th>
<th>Working Distance</th>
<th>Special Features*</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF4115ZT</td>
<td>$629</td>
<td>1280x1024</td>
<td>10x-220x</td>
<td>Modular</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AF4515T-FUW</td>
<td>$695</td>
<td>1280x1024</td>
<td>10x-220x</td>
<td>Modular</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AF4915ZT</td>
<td>$899</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>Modular</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AF4915ZTL</td>
<td>$929</td>
<td>1280x1024</td>
<td>10-140x</td>
<td>Modular</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>AM4515MTZ</td>
<td>$949</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM4917MTZ</td>
<td>$1,199</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM4917MTZL</td>
<td>$1,229</td>
<td>1280x1024</td>
<td>10x-140x</td>
<td>USB 2.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td>Edge+</td>
</tr>
<tr>
<td>AM73515MZT</td>
<td>$1,169</td>
<td>2560x1920</td>
<td>10x-220x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>AMR</td>
</tr>
<tr>
<td>AM73515MZTL</td>
<td>$1,199</td>
<td>2560x1920</td>
<td>5-140x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td>AMR</td>
</tr>
<tr>
<td>AM73715MTF</td>
<td>$1,129</td>
<td>2560x1920</td>
<td>10x-70x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM73915MZT</td>
<td>$1,369</td>
<td>2560x1920</td>
<td>10x-220x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM73915MZTL</td>
<td>$1,399</td>
<td>2560x1920</td>
<td>5x-140x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>AM73515MT8A</td>
<td>$1,469</td>
<td>2560x1920</td>
<td>700x-900x</td>
<td>USB 3.0</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>COAX+AMR</td>
</tr>
</tbody>
</table>

#### Dino-Lite Edge (TV)

<table>
<thead>
<tr>
<th>Product</th>
<th>MSRP</th>
<th>Resolution</th>
<th>Magnification</th>
<th>Interface</th>
<th>Measurement</th>
<th>Polarizer</th>
<th>Metal Housing</th>
<th>FLC</th>
<th>AMR<em>EDOF</em></th>
<th>Working Distance</th>
<th>Special Features*</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS212N2T</td>
<td>$529</td>
<td>960x480</td>
<td>10x-220x</td>
<td>TV/RCA</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AMS216EZT</td>
<td>$669</td>
<td>1280x720</td>
<td>10x-220x</td>
<td>VGA</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AMS216EZTL</td>
<td>$699</td>
<td>1280x720</td>
<td>5x-140x</td>
<td>VGA</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>AMS216EZTF</td>
<td>$699</td>
<td>1280x720</td>
<td>1x-70x</td>
<td>VGA</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5218M2T</td>
<td>$949</td>
<td>1280x720</td>
<td>10x-220x</td>
<td>HDMI</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
</tr>
<tr>
<td>AM5218MZTL</td>
<td>$969</td>
<td>1280x720</td>
<td>5x-140x</td>
<td>HDMI</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>AM5218MZTF</td>
<td>$1,049</td>
<td>1280x720</td>
<td>10x-70x</td>
<td>HDMI</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Dino-Lite Wireless Digital Microscopes

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

#### Dino-Lite Eyepiece Camera

<table>
<thead>
<tr>
<th>Product</th>
<th>MSRP</th>
<th>Resolution</th>
<th>Magnification</th>
<th>Interface</th>
<th>Measurement</th>
<th>Aperture Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM4025X</td>
<td>$429</td>
<td>1280x1024</td>
<td>20x</td>
<td>USB 2.0</td>
<td>■</td>
<td>23mm, 30mm, 30.5mm</td>
</tr>
<tr>
<td>AM7023CT</td>
<td>$599</td>
<td>2592x1944</td>
<td>1x</td>
<td>USB 2.0</td>
<td>■</td>
<td>C-Mount</td>
</tr>
<tr>
<td>AM7025X</td>
<td>$649</td>
<td>2592x1944</td>
<td>20x</td>
<td>USB 2.0</td>
<td>■</td>
<td>23mm, 30mm, 30.5mm</td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>MSRP</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-06A</td>
<td>$189</td>
<td>General Purpose Tabletop Stand</td>
</tr>
<tr>
<td>RK-10A</td>
<td>$269</td>
<td>Precision Tabletop Stand with Quick Release &amp; Fine Adjustment</td>
</tr>
<tr>
<td>WF-20</td>
<td>$269</td>
<td>Wireless Adapter for “AF” and “WF” Prefix Models</td>
</tr>
</tbody>
</table>

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

Fluorescence/UV
- Zebrafish
- Genetics
- GFP/RFP

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