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

AM73915M2T
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>GFBW</td>
<td>480nm</td>
<td>510nm</td>
<td>DFRW</td>
<td>620nm</td>
<td>650nm</td>
</tr>
<tr>
<td>GRFBY</td>
<td>480/575</td>
<td>510/610</td>
<td>FJT (IR)</td>
<td>940nm</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-10-PX</td>
<td>XY-Positioning Arm</td>
<td>$99</td>
</tr>
<tr>
<td>RK-10-VX</td>
<td>Vertical Extension</td>
<td>$39</td>
</tr>
<tr>
<td>RK-10-FX</td>
<td>Flexible Extension</td>
<td>$39</td>
</tr>
<tr>
<td>MSA2T</td>
<td>Add-On 90° Adapter</td>
<td>$30</td>
</tr>
<tr>
<td>RK-06-PL</td>
<td>Extension Pole for RK-06A</td>
<td>$35</td>
</tr>
</tbody>
</table>

Additional Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK-04</td>
<td>Small Stand with Focus Adjustment</td>
<td>$89</td>
</tr>
<tr>
<td>RK-05</td>
<td>Small Stand with Tilt Adjustment</td>
<td>$129</td>
</tr>
<tr>
<td>RK-05-VX</td>
<td>Vertical Extension for RK-04/RK-05 Series</td>
<td>$25</td>
</tr>
<tr>
<td>MS35B</td>
<td>Stable Desktop Stand</td>
<td>$99</td>
</tr>
<tr>
<td>MS09B</td>
<td>Ultra Portable</td>
<td>$34</td>
</tr>
<tr>
<td>MS2W1</td>
<td>Wheel Rack Stand</td>
<td>$149</td>
</tr>
<tr>
<td>MS33A</td>
<td>Articulating Stand</td>
<td>$99</td>
</tr>
<tr>
<td>MS33M</td>
<td>Articulating Stand with Magnet Base</td>
<td>$119</td>
</tr>
<tr>
<td>RK-02</td>
<td>Sturdy Articulating Desk Clamp</td>
<td>$129</td>
</tr>
</tbody>
</table>
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*

- **MS17TSW-F1 - $99**
  Foot Pedal Controller

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

- **MSA817 - $59**
  Bright Field & Dark Field Backlight Stage

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

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

- **MSA827 - $29**
  LED Backlight

- **BL-CDW - $369**
  Multifunction Gemstone Stage

- **MS16D/MS163 - $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

- **MS16D/MS163 - $39/$69**
  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.

Normal Image  EDOF

+ 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

*D. Advanced features vary by model.

Dino-Eye Camera
Dino-Eye cameras connect your existing microscope to Dino-Lite software to enable calibration, documentation, measurements, and more. Simply insert the camera in the eyepiece or C-mount, and connect via USB. Dino-Eye cameras are compatible with a 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.
## 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+EDOF*</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>Standard</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></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>Long</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Dino-Lite Digital Microscope - Professional 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+EDOF</th>
<th>Special Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dino-Lite Edge (USB)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF4115ZT</td>
<td>$629</td>
<td>1280x1024</td>
<td>10x-220x</td>
<td>Modular</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF4915ZTL</td>
<td>$929</td>
<td>1280x1024</td>
<td>10x-140x</td>
<td>Modular</td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM4571ZMT</td>
<td>$949</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>USB 2.0</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM4917ZMT</td>
<td>$1,199</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>USB 2.0</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM4917ZMTL</td>
<td>$1,229</td>
<td>1280x1024</td>
<td>10x-140x</td>
<td>USB 2.0</td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM73515MZTL</td>
<td>$1,199</td>
<td>2560x1920</td>
<td>5x-140x</td>
<td>USB 3.0</td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM73115MFT</td>
<td>$1,129</td>
<td>2560x1920</td>
<td>10x-70x</td>
<td>USB 3.0</td>
<td></td>
<td></td>
<td>Far</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>Standard</td>
<td></td>
<td></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>Long</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dino-Lite Edge (TV)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5212NZT</td>
<td>$529</td>
<td>960x480</td>
<td>10x-220x</td>
<td>TV/RCA</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5216ZT</td>
<td>$669</td>
<td>1280x720</td>
<td>10x-220x</td>
<td>VGA</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5216ZTL</td>
<td>$699</td>
<td>1280x720</td>
<td>5x-140x</td>
<td>VGA</td>
<td></td>
<td></td>
<td>Long</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5216ZTF</td>
<td>$699</td>
<td>1280x720</td>
<td>1x-70x</td>
<td>VGA</td>
<td></td>
<td></td>
<td>Far</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM5218MZT</td>
<td>$949</td>
<td>1280x720</td>
<td>10x-220x</td>
<td>HDMI</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></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>Long</td>
<td></td>
<td></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>Far</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+EDOF</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>Standard</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></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>Standard</td>
<td></td>
<td></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>Long</td>
<td></td>
<td></td>
<td>Wireless</td>
</tr>
<tr>
<td>WF4115ZT (W)</td>
<td>$889</td>
<td>1280x1024</td>
<td>20x-220x</td>
<td>Modular</td>
<td></td>
<td></td>
<td>Standard</td>
<td></td>
<td></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>Long</td>
<td></td>
<td></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, 35.0mm</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, 35.0mm</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 &quot;AF&quot; and &quot;WF&quot; Prefix Models</td>
</tr>
</tbody>
</table>

*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

Items in bold are best sellers

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