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## DETAILS



The Dino-Lite AM3111 handheld digital microscope camera has natural color technology providing colors true to their original appearance. It also has enhanced low light capabilities where you can see objects clearly when there is minimal light available. The AM3111 has a refresh rate up to 30fps at 640 × 480 resolutions and can magnify objects up to 230x depending on working distance.

## GHIGHLIGHTS





## 10x - 50x, 230x

Optical magnification power



## 640 × 480 pixels

Capture in full detail with resolution up to 640 × 480 pixels



## USB 2.0

Simple setup



## Windows and Mac

Compatible with Windows 7, 8, 10 & Mac OS (Verify compatible Mac OS versions in Specifications) including 32-bit and 64-bit systems.



## Annotation tools

Use simple tools to draw lines, shapes, and text annotations on the image.



## Two-year warranty & free tech support

All Dino-Lite microscopes feature a two-year warranty and include free U.S. based tech support for the life of the product.



## Language options

Software interface defaults to English and can be changed to any of 25



additional translations.



## Barcode reader

Software feature to use camera for reading from QR codes and over 20 other types of barcodes.

### SPECIFICATIONS



<b>Measurement</b>	No	<b>Connection</b>	USB 2.0
<b>Flexible LED Control</b>	No	<b>Type</b>	
<b>Automatic Magnification Reading</b>	No	<b>Included Software</b>	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
<b>Extended Depth of Field</b>	No	<b>Imaging Standards</b>	DirectShow, UVC
<b>Enhanced Dynamic Range</b>	No	<b>Sensor Type</b>	CMOS
		<b>Resolution</b>	640 × 480 pixels
		<b>Frame Rate (max)</b>	30 FPS
		<b>Dimensions</b>	10.5cm (L) x 3.2cm (D) (4.13" x

<b>Body Material</b>	ABS Plastic
<b>LEDs</b>	White (8)
<b>Polarization</b>	No
<b>Magnification Range</b>	10x - 50x, 230x
<b>Working Distance</b>	Standard
<b>Lens Type</b>	Glass
<b>Megapixels</b>	0.3 MP
<b>Image Save Formats (Windows)</b>	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
<b>Image Save Formats (Mac OS)</b>	JPEG, PNG
<b>Video Save</b>	WMV, FLV, SWF

<b>Weight</b>	1.26")
<b>Weight</b>	105g (3.7 oz)
<b>Cable Length</b>	182cm (71.65 in)
<b>Package Includes</b>	Microscope, Software CD
<b>Warranty Period</b>	2 years
<b>Manufactured in</b>	Taiwan
<b>Service &amp; Support</b>	U.S. (www.dinolite.us) English & Spanish
<b>Regulatory Approval</b>	CE, FCC

**Formats**  
**(Windows)**

ARTS



## Working distance & field of view mm

Magnification	20	30	40	50	60	200	210	220	230
<b>Working Distance</b>	51.7	24.1	11	3.8	-0.6	-0.4	0.6	1.7	2.8
<b>Field of View</b>	21 x 15.7	14 x 10.5	10.5 x 7.9	8.4 x 6.3	7 x 5.2	2.1 x 1.6	2 x 1.5	1.9 x 1.4	1.8 x 1.4
<b>Depth of Field</b>	8.02			1.95		1.46			

## Working distance & field of view inch

Magnification	20	30	40	50	60	200	210	220	230
<b>Working Distance</b>	2.035	0.949	0.433	0.150	-0.024	-0.016	0.024	0.067	0.110
<b>Field of View</b>	0.827 x	0.551 x	0.413 x	0.331 x	0.276 x	0.083 x	0.079 x	0.075 x	0.071 x

	0.618	0.413	0.311	0.248	0.205	0.063	0.059	0.055	0.055
<b>Depth of Field</b>	0.316			0.077		0.057			

## THE BOX



### Microscope & cables

All necessary cables are included. USB models are powered by the USB connection, analog (direct to monitor) models include a power adaptor cable.



### Software & drivers CD

A CD containing all necessary software and drivers to use the device. For computers without a CD drive, the software can be downloaded from the Dino-Lite website.

## MILAR PRODUCTS



## This product compared to similar products

<b>Product</b>	 <b>AM3111</b> This product	 <b><u>AM3113</u></b> Similar product	 <b><u>AM3111T</u></b> Similar product	 <b><u>AM2111</u></b> Similar product	 <b><u>AM4111T</u></b> Similar product
<b>price</b>	\$149	\$249	\$199	\$99	\$329
<b>Magnification</b>	10x - 50x, 230x	10x - 50x, 230x	10x - 50x, 230x	10x - 50x, 230x	10x - 50x, 220x
<b>Distance</b>	Standard	Standard	Standard	Standard	Standard
<b>Connectivity</b>	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
<b>Resolution</b>	640 × 480 pixels	640 × 480 pixels	640 × 480 pixels	640 × 480 pixels	1280 × 1024 pixels
<b>LEDs</b>	White (8)	White (8)	White (8)	White (4)	White (8)

<b>Polarizer</b>	X	X	X	X	X
<b>Measurement</b>	X	✓	X	X	X
<b>OS</b>	Windows XP, Vista, 7, 8, 10 Mac OS 10.5+	Windows XP, Vista, 7, 8, 10 Mac OS 10.5+	Windows XP, Vista, 7, 8, 10 Mac OS 10.5+	Windows XP, Vista, 7, 8, 10 Mac OS 10.5+	Windows XP, Vista, 7, 8, 10 Mac OS 10.5+

### RECOMMENDED ACCESSORIES

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**MS22B**

\$39



**MS12C**

\$25



**MS33W**

\$49



**MS35B**

\$99



**MS10B**

\$29



**MS09B-S**

\$39



**RK-04**

\$89



**MSAA111A1**

\$19





AM3111

## AM3111

The Dino-Lite AM3111 digital handheld microscope has natural color technology providing colors true to their original appearance.

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**\$149**

SKU#: AM3111

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[WHERE TO BUY](#)



