

[🏠](#) > [Dino-Lite Microscope Cameras and Accessories](#) > [Digital Microscopes](#) >
[USB Microscope Cameras](#) > [Basic Digital Microscopes](#) > AM4111T

DETAILS



The AM4111T handheld digital microscope comes with a high quality 1.3 megapixel image sensor that views and takes highly detailed images for professionals who need all the quality software features but do not require measurement. This model is featured with the unique MicroTouch snapshot feature. The MicroTouch (touch sensitive capacitive sensor) feature on the handheld digital microscope gives users the option of taking a picture right from the device itself. The MicroTouch was designed to minimize image blur while taking a picture with the microscope. Great for those moments when you need to take a picture, but having a hard time reaching the computer.

GHLIGHTS





10x - 50x, 220x

Optical magnification power



1280 × 1024 pixels

Capture in full detail with resolution up to 1280 × 1024 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



Measurement	No	Operating System	Windows XP, Vista, 7, 8, 10, Mac OS 10.5+
Flexible LED Control	No	Connection Type	USB 2.0
Automatic Magnification Reading	No	Included Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Extended Depth of Field	No	Imaging Standards	UVC
Enhanced Dynamic	No	Sensor Type	CMOS
		Resolution	1280 × 1024 pixels

Range	
Body Material	ABS Plastic
Microtouch Sensor	Yes
LEDs	White (8)
Polarization	No
Magnification Range	10x - 50x, 220x
Working Distance	Standard
Lens Type	Glass
Megapixels	1.3 MP
Image Save Formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX

Frame Rate (max)	30 FPS
Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Weight	105g (3.7 oz)
Cable Length	182cm (71.65 in)
Package Includes	Microscope, Carry Pouch, Software CD
Warranty Period	2 years
Manufactured in	Taiwan
Service & Support	U.S. (www.dinolite.us) English & Spanish
Regulatory Approval	CE, FCC

Image Save JPEG, PNG

Formats

(Mac OS)

PARTS 

Working distance & field of view mm

Magnification	20	30	40	50	60	220	230	240
Working Distance	48.7	21.7	9.0	1.9	-2.3	-0.1	1.0	2.1
Field of View	19.6 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.3	6.5 x 5.2	1.8 x 1.4	1.7 x 1.4	1.6 x 1.3
Depth of Field								

Working distance & field of view inch

Magnification	20	30	40	50	60	220	230	240
Working Distance	1.917	0.854	0.354	0.075	-0.091	-0.004	0.039	0.083

Field of View	0.772 x 0.614	0.512 x 0.409	0.386 x 0.307	0.307 x 0.248	0.256 x 0.205	0.071 x 0.055	0.067 x 0.055	0.063 x 0.051
Depth of Field								

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

Product	 AM4111T This product	 <u>AM3111T</u> Similar product	 <u>AM4115ZT</u> Similar product	 <u>AM4113T</u> Similar product	 <u>AM4113</u> Similar product
price	\$329	\$199	\$629	\$399	\$499
Magnification	10x - 50x, 220x	10x - 50x, 230x	10x - 220x	10x - 50x, 220x	10x - 50x, 2
Distance	Standard	Standard	Standard	Standard	Standard
Connectivity	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Resolution	1280 × 1024 pixels	640 × 480 pixels	1280 × 1024 pixels	1280 × 1024 pixels	1280 × 1024 pixels
LEDs	White (8)	White (8)	White (8)	White (8)	White (8)

Polarizer	X	X	✓	X	✓
Measurement	X	X	✓	✓	✓
OS	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 > Vista, 7, 8, Mac OS 10

RECOMMENDED ACCESSORIES



MS35B

\$99



RK-06A

\$189



MS09B

\$34



MS22B

\$39



MSA2P

\$29



RK-06-PL

\$35



WF-10

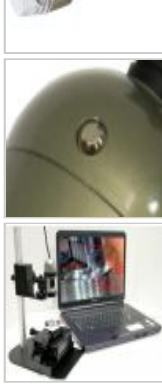
\$199



MSAA111A1

\$19





AM4111T

AM4111T

The AM4111T handheld digital microscope comes with a high quality 1.3 megapixel image sensor that views and takes highly detailed images.

\$329

SKU#: AM4111T

[WHERE TO BUY](#)



