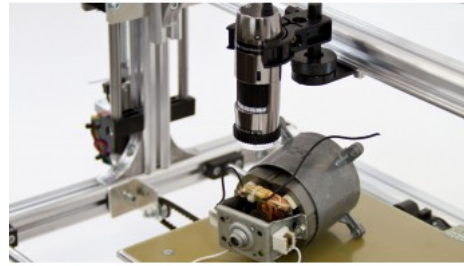


# AM7915MZT



Starting at  
Availability

**\$1,269.00**  
Now

The Dino-Lite SMP Edge AM7915MZT delivers high resolution imaging with a magnification range of 20x - 220x. This model combines popular image processing feature Extended Depth of Field (EDOF), Extended Dynamic Range (EDR), and Automatic Magnification Reading (AMR). EDOF & EDR are available on Windows PC only. AM7915MZT's EDOF capture mode is an easy to use focus stacking feature which captures several images at different focus points and stack them automatically into one clear image. For high contrast or reflective surfaces, EDR reveals the details of dark or bright areas, by stacking images taken at different exposure levels.

Compatible with Mac OS 10.5+ with AMR/FLC using DinoXcope version 1.19 or newer.  
\*EDOF/EDR available on Windows PC only.

## Highlights



**20x - 220x**

Optical magnification power



**2592 × 1944 pixels**

Capture in full detail with resolution up to 2592 × 1944 pixels



**USB 2.0**

Simple setup



**Windows**

Fully compatible with Windows XP, Vista, 7, 8, 10 including 32-bit and 64-bit systems.



**Annotate & Measure**

Use simple tools to draw lines, shapes, and text annotations on the image. Calibrate and measure dimensions including lines, circles, and angles.



### Extended Depth of Field

Automatically capture and combine multiple images at different focus levels to produce a final image with greater depth of field.

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### Enhanced Dynamic Range

Automatically capture and combine multiple images at different exposure levels to produce a final image with greater dynamic range.



### Automatic Magnification Reading

Allows the included software to read the magnification setting from the microscope device, simplifying the measuring process.



### 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.



### Polarizer

Built-in adjustable polarizer greatly reduces glare on reflective surfaces.



### 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

LEDs	8
LED Type	White
Flexible LED Control	Yes
Polarization	Yes
Magnification Range	20x - 220x
Working Distance	Standard
Lens Type	Glass
Extended Depth of Field	Yes
Sensor Type	CMOS
Resolution	2592 × 1944 pixels
Megapixels	5 MP
Frame Rate (max)	30 FPS
Enhanced Dynamic Range	Yes
Automatic Magnification Reading	Yes
Operating System	Windows XP, Vista, 7, 8, 10
Included Software	DinoCapture 2.0 (Windows)
Image Save Formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Video Save Formats (Windows)	WMV, FLV, SWF
Imaging Standards	DirectShow
Dimensions	10.5cm (L) x 3.2cm (D) (4.13" x 1.26")
Weight	140g (4.94 oz)
Cable Length	182cm (71.65 in)

Magnification Lock	Yes
Body Material	Aluminum Alloy
Measurement	Yes
Microtouch Sensor	Yes
Package Includes	Microscope, Carry Pouch, Software CD, Edge Calibration Target, Alternate end caps
Warranty Period	2 years
Manufactured in	Taiwan
Service & Support	U.S. ( <a href="http://www.dinolite.us">www.dinolite.us</a> ) English & Spanish
Regulatory Approval	CE, FCC

## Charts

### Working distance & field of view

Magnification	20	30	40	50	100	150	200	220
Working Distance	60.2	33.5	20.9	13.9	4.1	5.6	9.9	11.9
Field of View	19.5 x 15.6	13 x 10.4	9.8 x 7.8	7.8 x 6.3	3.9 x 3.1	2.6 x 2.1	2 x 1.6	1.8 x 1.4

### Working distance & field of view

Magnification	20	30	40	50	100	150	200	220
Working Distance	2.370	1.319	0.823	0.547	0.161	0.220	0.390	0.469
Field of View	0.768 x 0.614	0.512 x 0.409	0.386 x 0.307	0.307 x 0.248	0.154 x 0.122	0.102 x 0.083	0.079 x 0.063	0.071 x 0.055

## In 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.



### Calibration target

A target to be used for calibrating measurements.

### Alternate end caps

A selection of swapable end caps for different applications. [Learn more](#)