# AM7013MZT

Brand: Dino-Lite Product Code: AM7013MZT

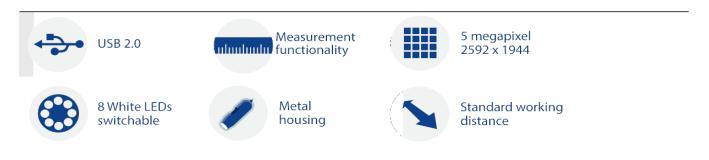


#### **Short Description**

5 Megapixel resolution Robust metal housing 20-50x & 200x Magnification Polarizer (anti-reflection)

#### Description

The Dino-Lite AM7013MZT has a 5 megapixel sensor for crystal clear images, even under higher magnification. The built-in adjustable polarizer reduces glare and reflection on shiny objects. Because of the very high resolution, the AM7013MZT is the ideal solution for displaying microscopic images on large screens or using the microscopic images for printing.





## Working distance/field of view/depth of field

MAGNIFICATI ON RATE <b>Listed values</b>	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD <b>Unit = mm</b>
may differ				
slightly				
20	48.7	19.8	14.9	3.6
30	21.7	13.2	9.9	1.9
40	9.0	9.9	7.4	-
50	1.9	7.9	5.9	0.88
60	-2.3	6.6	5.0	-
220	-0.1	1.8	1.4	0.20
230	1.0	1.7	1.3	-
240	2.1	1.7	1.2	-

### Specification

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Lighting				
Light/ LED type	White			
Number of LEDs	8			
LED on/off switchable:	Yes			
Infrared filter	IR cut-filter >650 nm			
Diffuser available	No			
Emission filter	No			
Polarizer	Yes, linear			
Optics				
Magnification	20-50x, 200x			
Macro zoom	No			
Working distance	Standard			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	5 Megapixel (2592x1944)			
Maximum frame rate	30 fps			
Compatibility				

Interface	USB 2.0		
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up		
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)		
Supported image formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX		
Supported video formats (Windows)	WMV, FLV, SWF		
Supported image formats (MacOS)	JPEG, PNG		
Supported video formats (MacOS)	MOV (max 1.3MP)		
Imaging standards	DirectShow, UVC		
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)		
Housing			
Housing material	Metal housing		
Magnification lock	No		
Dimensions	10.5cm (L) x 3.2cm (D)		
Weight	140g		
Cable length	1.8m		
Features			
Special feature	No		
Measurement	Yes		
Calibration	Yes		
Microtouch sensor	Yes		
ESD safe	Yes		
Information			
Package contents	Microscope, Carry pouch, software CD, calibration target, ZT-Z-CC1 Cap closure, user manual		
Warranty information	2 years European warranty		
Regulatory approval	CE, FCC, ROHS		
Price range	€700,00 - €900,00		
Product Gallery			

