Dino-Lite Europe - Phone: - Email:

AM7013MZT

Brand: Dino-Lite

Product Code: AM7013MZT

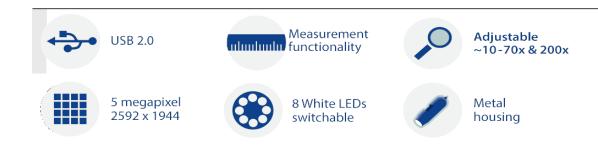


Short Description

5 Megapixel resolution Robust metal housing 10-70x & 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	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD
Listed values				Unit = mm
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

Specification				
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	10-70x, 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

