

AM7013MZT



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.



Additional Info

- Dino-Lite Range: Dino-Lite Universal
- Resolution: High (5 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €550,00 - €750,00
- Light/ LED type: White
- ESD Safe: Yes
- Polarizer: Yes
- Housing: Metal housing

- Special feature: No
- Dino-Lite Range: Dino-Lite Universal
- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A2 (optional accessory)
- Emission filter: No
- Polarizer: Yes, linear
- Magnification: 10-70x, 200x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 5 Megapixel (2592x1944)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Metal housing
- Magnification lock: No
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual
- Price Range: €550,00 - €750,00

• **Details**

- Dino-Lite range: Dino-Lite Universal

• **Lighting**

- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A2 (optional accessory)
- 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 XP, Vista, 7, 8 & 10, 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
- Imaging standards: DirectShow, UVC

• **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: €550,00 - €750,00
- Working distance/ field of view/ depth of field:

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
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	-

Listed values may differ slightly

Unit = mm

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
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	-

Listed values may differ slightly

Unit = mm

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