

AM4113ZT



The Dino-Lite AM4113ZT is a convenient, easy to use, professional handheld digital microscope providing superior image quality with up to 200x optical magnification.



It is equipped with a high quality 1.3 Megapixels sensor with a crystal clear image quality and natural color reproduction, enabling you to view and capture objects with the greatest level of detail. This model comes with the DinoCapture 2.0 software for Windows and DinoXcope software for MacOS, allowing you to do calibrated measurements on pictures taken with the Dino-Lite. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

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: 1.3 Megapixel (1280x1024)
 - 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: Composite/ plastic housing
 - Magnification lock: Yes
 - Dimensions: 10.5cm (L) x 3.2cm (D)
 - Weight: 105g
 - Cable length: 1.8m
- **Features**
 - Special feature: No
 - Measurement: Yes
 - Calibration: Yes
 - Microtouch sensor: Yes
 - ESD safe: No
- **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
 - 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	-
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