

# 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.

## Additional Info

- Dino-Lite Range: Dino-Lite Universal
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €200,00 - €350,00

- Light/ LED type: White
- ESD Safe: No
- Polarizer: Yes
- Housing: Composite/plastic 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: 1.3 Megapixel (1280x1024)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Calibration target, ZT-Z-CC1 Cap closure, User manual
- Price Range: €200,00 - €350,00

#### • **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: 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
  - Price range: €200,00 - €350,00
  - Working distance/ field of view/ depth of field:

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<b>Magnification Rate</b>	<b>Working Distance</b>	<b>Field of View(x)</b>	<b>Field of View(y)</b>	<b>Depth of Field</b>
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**

PDF generated on: 04-04-2019