

AM4113ZTL



By using a special polarization filter, the AM4113ZTL is the right choice when working with high glare materials such as plastics and metals. This model also has a long working distance.



USB 2.0



MEASUREMENT
FUNCTIONALITY



CONTINUOUS
~10x-90x



MAGNIFICATION
LOCK



1.3 MEGAPIXEL
1280 x 1024



8 WHITE LEDs
SWITCHABLE



POLARIZER
ANTI-REFLECTION



LONG WORKING
DISTANCE
4-15 cm

Additional Info

- Dino-Lite Range: Dino-Lite Long Working Distance
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Low/medium (10x-90x)
- Interface: USB 2.0
- Working Distance: Long
- Price Range (excl. VAT): €350,00 - €550,00
- Light/ LED type: White
- ESD Safe: No
- Polarizer: Yes
- Housing: Composite/plastic housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Long Working Distance

- 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: 10-90x
- Macro zoom: No
- Working Distance: Long
- 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: €350,00 - €550,00

- **Details**

- Dino-Lite range: Dino-Lite Long Working Distance

- **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: 10-90x
- Macro zoom: No
- Working distance: Long
- 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), DinoXscope (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: €350,00 - €550,00
- Working distance/ field of view/ depth of field:

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
20	160.5	19.8	14.9	6
30	110.4	13.2	9.9	3.4
40	86.7	9.9	7.4	2.2
50	73.6	7.9	5.9	1.65
60	65.7	6.6	5.0	-
70	60.8	5.7	4.2	-

Listed values may differ slightly

Unit = mm

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8
Listed values may differ slightly				Unit = mm

PDF generated on: 15-06-2018