

AM3113T



The AM3113T has both the measurement functions and the Microtouch button to capture pictures directly from the Dino-Lite. The improved image sensor provides a high quality image with very natural colors and it also offers a high refresh rate for better real time images. It is an affordable solution for industrial, scientific and business use.



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-70x & 200x



VGA RESOLUTION
640 x 480



8 WHITE LED's
SWITCHABLE



STANDARD
WORKING
DISTANCE

Additional Info

- Dino-Lite Range: Dino-Lite Basic
- Resolution: Low (640x480 - 628x586)
- Magnification: Standard (10x - 220x)
- Interface: USB 2.0
- Working Distance: Standard
- Price Range (excl. VAT): €0 - €200,00
- Light/ LED type: White
- ESD Safe: No
- Polarizer: No
- Housing: Composite/plastic housing
- Special feature: No
- Dino-Lite Range: Dino-Lite Basic
- Light/ LED type: White

- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: MSAA111A1 (optional accessory)
- Emission filter: No
- Polarizer: No
- Magnification: 10-70x, 200x
- Macro zoom: No
- Working Distance: Standard
- Resolution: VGA (640x480)
- Maximum Frame rate: 30 fps
- Interface: USB 2.0
- Housing material: Composite/ plastic housing
- Magnification lock: No
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- Package contents: Microscope, Carry pouch, Software CD, Calibration target, User manual
- Price Range: €0 - €200,00

- **Details**

- Dino-Lite range: Dino-Lite Basic

- **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: No

- **Optics**

- Magnification: 10-70x, 200x
- Macro zoom: No
- Working distance: Standard
- Lens type: Glass with anti-reflection coating

- **Sensor**

- Sensor type: CMOS
- Resolution: VGA (640x480)
- 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: No
- 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, User manual
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €0 - €200,00
- Working distance/ field of view/ depth of field:

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
20	51.7	21.0	15.7	8
30	24.1	14.0	10.5	4
40	11.0	10.5	7.9	2.5
50	3.8	8.4	6.3	2
60	-0.6	7.0	5.2	-
200	-0.4	2.1	1.6	0.45

Listed values may differ slightly

Unit = mm

Magnification Rate	Working Distance	Field of View(x)	Field of View(y)	Depth of Field
210	0.6	2.0	1.5	-
220	1.7	1.9	1.4	-
230	2.8	1.8	1.4	0.42

Listed values may differ slightly

Unit = mm

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