

AM5018MZTL



The Dino-Lite AM5018MZTL can be connected directly to a HDTV or a LCD monitor through a direct digital DVI interface. It offers sharp and vibrant HD 720p resolution to display even the smallest details.



Together with the long working distance of up to 15 centimetres the AM5018MZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects. By tapping the Microtouch sensor on the microscope, the image can be frozen for inspection of important details and by pressing the Microtouch sensor for 2 seconds the LEDs can be switched on and off. The aluminium housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects, such as metal surfaces, electronics, plastics etc.

Additional Info

- Dino-Lite Range: Dino-Lite High Speed
- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Low/medium (20x-90x)

- Interface: High Definition (DVI)
- Working Distance: Long
- 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 High Speed
- 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: 20-90x
- Macro zoom: No
- Working Distance: Long
- Resolution: HD 720p
- Maximum Frame rate: 60 fps
- Interface: High Definition (DVI)
- Housing material: Metal housing
- Magnification lock: No
- Measurement: No
- Calibration: No
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: No
- Package contents: Microscope, Carry pouch, DVI Cable, Power adapter, ZT-Z-CC1 Cap closure, User manual
- Price Range: €550,00 - €750,00

- **Details**

- Dino-Lite range: Dino-Lite High Speed

- **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: 20-90x
- Macro zoom: No
- Working distance: Long
- Lens type: Glass with anti-reflection coating

Sensor

- Sensor type: CMOS
- Resolution: HD 720p
- Maximum frame rate: 60 fps

Compatibility

- Interface: High Definition (DVI)
- Operating system: -
- Included software: -
- Supported image formats (Windows): -
- Supported video formats (Windows): -
- Supported image formats (MacOS): -
- Supported video formats (MacOS): -
- Imaging standards: -

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: No
- Calibration: No
- Microtouch sensor: Yes
- ESD safe: Yes

Information

- Package contents: Microscope, Carry pouch, DVI Cable, Power adapter, 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:
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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	-
80	57.8	5.0	3.7	-
90	56.1	4.4	3.3	0.8

Listed values may differ slightly

Unit = mm

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