

# AM5216ZT



The Dino-Lite AM5216ZT connects directly to a VGA screen via a VGA (D-SUB) connector. It offers a high frame rate of up to 60fps at 1280x720 resolution, resulting in crystal clear images.



The AM5216ZT 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 built-in adjustable polarizer reduces glare and reflection on shiny objects, such as metal surfaces, electronics, plastics etc. (The AM5216ZT replaces model AM5116ZT.)

» Also available: AM5216T without polarizer

## Additional Info

- Dino-Lite Range: Dino-Lite High Speed

- Resolution: Medium (800x600 - 1.3 Megapixel)
- Magnification: Standard (10x - 220x)
- Interface: VGA (D-sub)
- Working Distance: Standard
- 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 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: 20-220x
- Macro zoom: No
- Working Distance: Standard
- Resolution: 1280x720 (720p)
- Maximum Frame rate: 60 fps
- Interface: VGA (D-Sub)
- Housing material: Composite/ plastic housing
- Magnification lock: Yes
- Measurement: No
- Calibration: No
- Microtouch sensor: Yes
- ESD Safe: No
- Special feature: No
- Package contents: Microscope, Carry pouch, Power adapter, Front cover box, User manual
- Price Range: €350,00 - €550,00

- **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: 20-220x
- Macro zoom: No
- Working distance: Standard
- Lens type: Glass with anti-reflection coating

- **Sensor**

- Sensor type: CMOS
- Resolution: 1280x720 (720p)
- Maximum frame rate: 60 fps

- **Compatibility**

- Interface: VGA (D-Sub)
- 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: Composite/ plastic housing
- Magnification lock: Yes
- Dimensions: 10.5cm (L) x 3.2cm (D)
- Weight: 105g
- Cable length: 0.6m

- **Features**

- Special feature: No
- Measurement: No
- Calibration: No
- Microtouch sensor: Yes
- ESD safe: No

- **Information**

- Package contents: Microscope, Carry pouch, Power adapter, Front cover box, 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:

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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	60.2	19.5	15.6	2.5
30	33.5	13.0	10.4	1.8
40	20.9	9.8	7.8	1.5
50	13.9	7.8	6.3	-
100	4.1	3.9	3.1	-
150	5.6	2.6	2.1	-
200	9.9	2.0	1.6	-
220	11.9	1.8	1.4	0.1

**Listed values may differ slightly**

**Unit = mm**

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