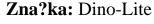
Dino-Lite Europe - Phone: - Email:

# **AM5216ZT**



Kód produktu: AM5216ZT

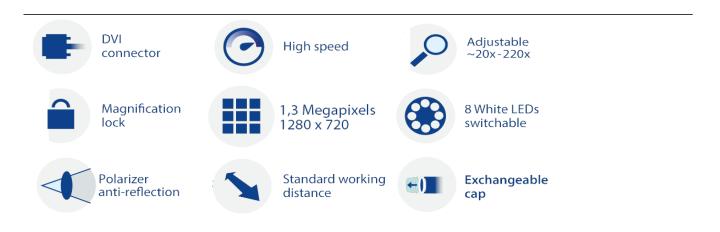


#### **Short Description**

Direct VGA connection With magnification lock 20-220x magnification Polarizer (anti-reflection) High 1280x720 resolution

#### **Popis**

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

### Working distance/field of view/depth of field

| MAGNIFICATI<br>ON RATE | WORKING<br>DISTANCE | FIELD OF<br>VIEW(X) | FIELD OF<br>VIEW(Y) | DEPTH OF<br>FIELD |
|------------------------|---------------------|---------------------|---------------------|-------------------|
| <b>Listed values</b>   |                     |                     |                     | Unit = mm         |
| may differ             |                     |                     |                     |                   |
| slightly               |                     |                     |                     |                   |
| 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                 | -                 |
| 60                     | 9.7                 | 6.5                 | 5.2                 | -                 |
| 70                     | 7.1                 | 5.6                 | 4.5                 | 1.0               |
| 80                     | 5.5                 | 4.9                 | 3.9                 | -                 |
| 90                     | 4.5                 | 4.3                 | 3.5                 | -                 |
| 100                    | 4.1                 | 3.9                 | 3.1                 | -                 |
| 110                    | 4                   | 3.6                 | 2.8                 | -                 |
| 120                    | 4.1                 | 3.3                 | 2.6                 | -                 |
| 130                    | 4.5                 | 3                   | 2.4                 | -                 |
| 140                    | 5                   | 2.8                 | 2.2                 | -                 |
| 150                    | 5.6                 | 2.6                 | 2.1                 | -                 |
| 160                    | 6.3                 | 2.4                 | 2                   | -                 |
| 170                    | 7.1                 | 2.3                 | 1.8                 | -                 |
| 180                    | 8                   | 2.2                 | 1.7                 | -                 |
| 190                    | 8.9                 | 2.1                 | 1.6                 | -                 |
| 200                    | 9.9                 | 2.0                 | 1.6                 | -                 |
| 210                    | 10.9                | 1.9                 | 1.5                 | -                 |
| 220                    | 11.9                | 1.8                 | 1.4                 | 0.1               |

## **Specifikace**

| Lighting               |   |  |  |  |
|------------------------|---|--|--|--|
| Light/ LED type        | White   |  |  |  |
| Number of LEDs         | 8   |  |  |  |
| LED on/off switchable: | Yes   |  |  |  |
| Infrared filter        | IR cut-filter >650 nm                         |  |  |  |
| Diffuser available     | Yes (N3C-D included)                          |  |  |  |
| 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)                                   |  |  |  |
| Wifi                   | No  |  |  |  |
| 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  |  |  |  |
| 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            | €600,00 - €800,00                             |  |  |  |

# **Product Gallery**



