## AM4515T8 - EDGE

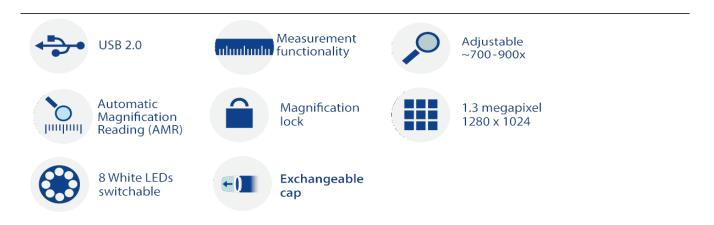


Marque: Code produit: AM4515T8

**Courte description** 1.3 Megapixel resolution Versatility due to exchangeable caps 700-900x magnification Automatic Magnification Reading (AMR)

## Description

With up to 900x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 1.5 micrometer ( $\mu$ m). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.



These unique features make the Dino-Lite AM4515T8 a great inspection tool for

biomedical and scientific research, material analysis, electronics inspection, or any similar application that require high magnification, versatility and mobility. The Dino-Lite AM4515T8 is bundled with the user-friendly DinoCapture 2.0 software. For this model it includes functions such as Automatic Magnification Reading (AMR), calibration, measurement, capturing & annotating images, and recording video. Although the AM4515T8 model can be operated handheld, a high-precision stand is recommended. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

| Working distance/field of view/depth of field |                   |          |          |                 |  |
|---|-------------------|----------|----------|-----------------|--|
| MAGNIFICAT                                    | I WORKING         | FIELD OF | FIELD OF | <b>DEPTH OF</b> |  |
| <b>ON RATE</b>                                | <b>DISTANCE</b> * | VIEW(X)  | VIEW(Y)  | FIELD           |  |
| Listed values * Without f                     |                   | ont      |          | Unit = mm       |  |
| may differ                                    | cap               |          |          |                 |  |
| slightly                                      |                   |          |          |                 |  |
|   |                   |          |          |                 |  |
| 700   | 6.6               | 0.6      | 0.4      |                 |  |
| 800   | 6.4               | 0.5      | 0.4      |                 |  |
| 900   | 6.3               | 0.4      | 0.3      | 0.016           |  |
|   |                   |          |          |                 |  |
|   |                   |          |          |                 |  |

## **Spécification**

| 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          | 700x ~ 900x                        |  |  |  |
| Macro zoom             | No                                 |  |  |  |
| Working distance       | Standard                           |  |  |  |
| 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 7,8,10 & 11, MacOS 10.9 and up            |  |  |
|-------------------------|---|--|--|
| Software                | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)     |  |  |
| Supported image formats | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,           |  |  |
| (Windows)               | PCX, MNG, WBMP, JP2, JPC, PGX                     |  |  |
| Supported video formats | WMV, FLV, SWF                                     |  |  |
| (Windows)               |   |  |  |
| Supported image formats | JPEG, PNG   |  |  |
| (MacOS)                 |   |  |  |
| Supported video formats | MOV   |  |  |
| (MacOS)                 |   |  |  |
| Imaging standards       | DirectShow, UVC                                   |  |  |
| Wifi                    | Wireless-ready, requires the WF-10 WiFi streamer  |  |  |
|                         | (optional)  |  |  |
| Housing                 |   |  |  |
| Housing material        | Composite/ plastic housing                        |  |  |
| Magnification lock      | Yes   |  |  |
| Dimensions              | 10.3 cm (L) x 3.2cm (D)                           |  |  |
| Weight                  | 100g  |  |  |
| Cable length            | 1.8m  |  |  |
| Features                |   |  |  |
| Special feature         | Automatic Magnification Reading (AMR)             |  |  |
| Measurement             | Yes   |  |  |
| Calibration             | Yes   |  |  |
| Microtouch sensor       | Yes   |  |  |
| ESD safe                | No  |  |  |
| Information             |   |  |  |
| Package contents        | Microscope, carry pouch, software CD, calibration |  |  |
|                         | target, user manual, N3C-O- Open cap, N3C-C-      |  |  |
|                         | Closed cap, N3C-E- Extension cap                  |  |  |
| Warranty information    | 2 years European warranty                         |  |  |
| Regulatory approval     | CE, FCC, ROHS                                     |  |  |
| Price range             | €700,00 - €900,00                                 |  |  |
| Galerie du produit      |   |  |  |

