

# AM4515T5 - EDGE

**Product Code:** AM4515T5



## Short Description

1.3 Megapixel resolution  
Versatility due to exchangeable caps  
500-550x magnification  
Automatic Magnification Reading(AMR)

## Description

With up to 550x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 2.5 micrometer ( $\mu\text{m}$ ). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.



USB 2.0



Measurement  
functionality



Adjustable  
~500-550x



Automatic  
Magnification  
Reading (AMR)



Magnification  
lock



1.3 megapixel  
1280 x 1024



8 White LEDs  
switchable



Exchangeable  
cap

These unique features make the Dino-Lite AM4515T5 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 AM4515T5 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 record video. Although the AM4515T5 model can be operated handheld, a high-precision stand is recommendable. 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

| MAGNIFICATION RATE                       | WORKING DISTANCE *         | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD   |
|------------------------------------------|----------------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> | <b>* Without front cap</b> |                  |                  | <b>Unit = mm</b> |
| 500                                      | 9.5                        | 0.8              | 0.6              | 0.15             |
| 550                                      | 9.2                        | 0.7              | 0.6              | 0.12             |

#### Specification

| 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          | 500x ~ 550x                            |
| 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 (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                                                                                                                 |
| Wifi                              | Wireless-ready, requires the WF-10 WiFi streamer (optional)                                                                     |
| <b>Housing</b>                    |                                                                                                                                 |
| Housing material                  | Composite/ plastic housing                                                                                                      |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                                                                                                          |
| Weight                            | 105g                                                                                                                            |
| Cable length                      | 1.8m                                                                                                                            |
| <b>Features</b>                   |                                                                                                                                 |
| Special feature                   | Automatic Magnification Reading (AMR)                                                                                           |
| Measurement                       | Yes                                                                                                                             |
| Calibration                       | Yes                                                                                                                             |
| Microtouch sensor                 | Yes                                                                                                                             |
| ESD safe                          | No                                                                                                                              |
| <b>Information</b>                |                                                                                                                                 |
| 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                       | €600,00 - €800,00                                                                                                               |

## Product Gallery



