Dino-Lite Europe - Phone: - Email:

# AM4115ZTL - EDGE



Marca:

Código del producto: AM4115ZTL

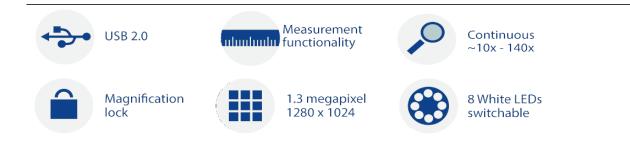
### **Short Description**

1.3 Megapixel resolution Versatility due to exchangeable caps 10-140x magnification Polarizer (anti-reflection) Long Working Distance (LWD)

### Descripción

The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115ZTL the ideal solution for all situations where a longer distance between the microscope and the object is required or when it is needed to work under the microscope (repair, rework and assembly tasks etc.)

The built-in adjustable polarizer reduces glare and reflection on shiny objects.









# Working distance/field of view/depth of field

| MAGNIFICATI WORKING      |                  | FIELD OF | FIELD OF | <b>DEPTH OF</b> |
|--------------------------|------------------|----------|----------|-----------------|
| ON RATE                  | <b>DISTANCE*</b> | VIEW(X)  | VIEW(Y)  | FIELD           |
| 10                       | 234.5            | 39.0     | 31.2     | 12              |
| 20                       | 112.5            | 19.5     | 15.6     | 4.5             |
| 30                       | 72.5             | 13.0     | 10.4     | 3.1             |
| 40                       | 54.5             | 9.8      | 7.8      | 1.8             |
| 50                       | 43.5             | 7.8      | 6.2      | 1.2             |
| 60                       | 37.5             | 6.5      | 5.2      | 0.9             |
| 70                       | 33.7             | 5.6      | 4.5      | 0.6             |
| 80                       | 31.3             | 4.9      | 3.9      | 0.5             |
| 90                       | 29.9             | 4.3      | 3.5      | 0.37            |
| 100                      | 29.2             | 3.9      | 3.1      | 0.28            |
| 110                      | 29.1             | 3.5      | 2.8      | 0.22            |
| 120                      | 29.3             | 3.3      | 2.6      | 0.17            |
| 130                      | 29.8             | 3.0      | 2.4      | 0.12            |
| 140                      | 30.5             | 2.8      | 2.2      | 0.09            |
| Listed values may differ | * With front cap |          |          | Unit = mm       |
| aliabtly                 |                  |          |          |                 |

slightly

### Especificación

| 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          | $10x \sim 140x$       |  |  |
| Macro zoom             | No                    |  |  |

| Working distance                  | Long  |  |
|-----------------------------------|---|--|
| 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 (Windows) | WMV, FLV, SWF                                     |  |
| Supported image formats (MacOS)   | JPEG, PNG   |  |
| Supported video formats (MacOS)   | MOV   |  |
| Imaging standards                 | DirectShow, UVC                                   |  |
| Housing                           |   |  |
| Housing material                  | Composite/ plastic housing                        |  |
| Magnification lock                | Yes   |  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                            |  |
| Weight                            | 105g  |  |
| Cable length                      | 1.8m  |  |
| Features                          |   |  |
| Special feature                   | No  |  |
| 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-D- Diffuser cap, N3C-E-           |  |
|                                   | Extension cap, N3C-L- Long cap, N3C-S- Side       |  |
|                                   | light cap   |  |
| Warranty information              | 2 years European warranty                         |  |
| Regulatory approval               | CE, FCC, ROHS                                     |  |
| Price range                       | €600,00 - €800,00                                 |  |