

# AM4115TL - EDGE

**Marka:**  
**Ürün Kodu:** AM4115TL











## Short Description

1.3 Megapixel resolution  
Versatility due to exchangeable caps  
10-140x magnification  
Long working distance

## Açıklama

The wide range of magnification (10-140x), the large field of view and working distance of up to 23 cm makes the AM4115TL 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.)

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|   |   |   |
|---|---|---|
|  USB 2.0               |  Measurement functionality |  Continuous ~10x - 140x  |
|  Magnification lock    |  1.3 megapixel 1280 x 1024 |  8 White LEDs switchable |
|  Long working distance |  Exchangeable cap          |   |

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**Working distance/field of view/depth of field**

| MAGNIFICATION RATE                | WORKING DISTANCE* | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|-----------------------------------|-------------------|------------------|------------------|----------------|
| Listed values may differ slightly | * With front cap  |                  |                  | Unit = mm      |

|     |      |      |      |      |
|-----|------|------|------|------|
| 10  | 227  | 39.0 | 31.2 | 12   |
| 20  | 105  | 19.5 | 15.6 | 4.5  |
| 30  | 65   | 13.0 | 10.4 | 3.1  |
| 40  | 47   | 9.8  | 7.8  | 1.8  |
| 50  | 36   | 7.8  | 6.2  | 1.2  |
| 60  | 30   | 6.5  | 5.2  | 0.9  |
| 70  | 26.2 | 5.6  | 4.5  | 0.6  |
| 80  | 23.8 | 4.9  | 3.9  | 0.5  |
| 90  | 22.4 | 4.3  | 3.5  | 0.37 |
| 100 | 21.7 | 3.9  | 3.1  | 0.28 |
| 110 | 21.6 | 3.5  | 2.8  | 0.22 |
| 120 | 21.8 | 3.3  | 2.6  | 0.17 |
| 130 | 22.3 | 3.0  | 2.4  | 0.12 |
| 140 | 23   | 2.8  | 2.2  | 0.09 |

**Özellikler**

|                        |                                    |
|------------------------|------------------------------------|
| 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              | No                                 |
| Optics                 |                                    |
| Magnification          | 10x ~ 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 (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   |
| Magnification lock                | Yes  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)   |
| Weight                            | 105g   |
| Cable length                      | 1.8m   |
| <b>Features</b>                   |  |
| Special feature                   | No   |
| 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-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                       | €500,00 - €700,00  |

## Product Gallery

