

# AM4115ZTW



**Marke:**

**Artikelnummer:** AM4115ZTW - EDGE

## Short Description

1.3 Megapixel resolution  
Versatility due to exchangeable caps  
10-50x magnification  
Polarizer (anti-reflection)  
Macro zoom

## Beschreibung

The Dino-Lite Edge models provide superior image quality and a high level of flexibility due to the adaptable cap design. The built-in adjustable polarizer reduces glare and reflection on shiny objects.

This model can work with 2 magnification rates while maintaining the same working distance, making this the ideal model for macro view applications with a larger field of view and a zoom function to reveal smaller details. Different caps are supplied with the microscope making the Dino-Lite Edge the perfect choice for any professional application.



USB 2.0



Measurement  
functionality



Adjustable  
~10-50x



Macrozoom  
FOV & DOF



1.3 megapixel  
1280 x 1024



Magnification  
lock



Polarizer  
anti-reflection



8 White LEDs  
switchable



Exchangeable  
cap

» *Also available: AM4115TW - Edge without Polarizer*

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

#### T Zone (Macro zoom/ Larger magnification)

| MAGNIFICATION | WORKING DISTANCE | FOV(X) | FOV(Y) | DOF |
|---------------|------------------|--------|--------|-----|
|---------------|------------------|--------|--------|-----|

Listed values  
may differ  
slightly

Unit = mm

|    |     |    |    |    |
|----|-----|----|----|----|
| 15 | 182 | 30 | 24 | 39 |
| 20 | 119 | 23 | 19 | 21 |
| 30 | 64  | 15 | 12 | 9  |
| 40 | 42  | 11 | 9  | 5  |
| 50 | 14  | 9  | 7  | 3  |

#### W Zone (Standard zoom/ Larger FOV)

| MAGNIFICATION | WORKING DISTANCE | FOV(X) | FOV(Y) | DOF |
|---------------|------------------|--------|--------|-----|
|---------------|------------------|--------|--------|-----|

Listed values  
may differ  
slightly

Unit = mm

|    |     |    |    |     |
|----|-----|----|----|-----|
| 5  | 156 | 98 | 78 | 250 |
| 10 | 68  | 41 | 33 | 51  |
| 15 | 39  | 31 | 25 | 22  |
| 20 | 25  | 25 | 20 | 13  |
| 30 | 11  | 14 | 11 | 6   |

## Spezifikation

| 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 ~ 50x   |
| Macro zoom                        | Nee   |
| 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)           |
| Housing                           |   |
| Housing material                  | Composite/ plastic housing  |
| Magnification lock                | Yes   |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)  |
| Weight                            | 100g  |
| Cable length                      | 1.8m  |
| Features                          |   |
| Special feature                   | Macro zoom  |

|                      |  |
|----------------------|--|
| 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          | €600,00 - €800,00  |

### Product Gallery



