

# AM4115ZTW



**Značka:**

**Kód produktu:** AM4115ZTW - EDGE

## Short Description

1.3 Megapixel resolution

Versatility due to exchangeable caps

10-50x magnification

Polarizer (anti-reflection)

Macro zoom

## Popis

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



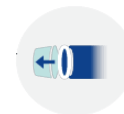
Magnification  
lock



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         |

## Specifikace

|                                   |                                                                       |
|-----------------------------------|-----------------------------------------------------------------------|
| 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                                                                                                                                                                                           |
| 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                                                                                                                                                                            |

## Product Gallery



