

# AM4113T5



**Brand:**

**Product Code:** AM4113T5

## Short Description

1.3 Megapixel resolution

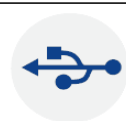
With magnification lock

500x Magnification

For high magnification applications

## Description

The AM4113T5 with a high magnification of 500x reveals even the smallest details on all kinds of objects. This model also provides the possibility to calibrate the microscope for measurements.



USB 2.0



Measurement  
functionality



Fixed  
~500x



Magnification  
lock



1,3 Megapixels  
1280 x 1024



8 White LEDs  
switchable



Standard working  
distance

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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   |
|------------------------------------------|------------------|------------------|------------------|------------------|
| <b>Listed values may differ slightly</b> |                  |                  |                  | <b>Unit = mm</b> |
| 515                                      | 0.1              | 0.8              | 0.6              | 0.07             |

## 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                                                                  |
| 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)           |
| Housing                           |                                                                       |

|                      |                                                                       |
|----------------------|-----------------------------------------------------------------------|
| Housing material     | Composite/ plastic housing                                            |
| Dimensions           | 9.6cm (L) x 3.2cm (D)                                                 |
| Weight               | 100g                                                                  |
| 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 |
| Warranty information | 2 years European warranty                                             |
| Regulatory approval  | CE, FCC, ROHS                                                         |
| Price range          | €350,00 - €500,00                                                     |

## Product Gallery

