

# AM3113T



**Brand:** Dino-Lite

**Product Code:** AM3113T

## Short Description

640x480 Resolution

8 white LEDs (switchable)

10-70, 200x magnification

Measurement functionality

## Description

The AM3113T has both the measurement functions and the Microtouch button to capture pictures directly from the Dino-Lite. The improved image sensor provides a high quality image with very natural colors and it also offers a high refresh rate for better real time images. It is an affordable solution for industrial, scientific and business use.



USB 2.0



Adjustable  
~10-70x & 200x



Measurement  
functionality



VGA resolution  
640 x 480



8 White LEDs  
switchable



Standard working  
distance

## 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> |
| 20                                       | 51.7             | 21.0             | 15.7             | 8                |
| 30                                       | 24.1             | 14.0             | 10.5             | 4                |
| 40                                       | 11.0             | 10.5             | 7.9              | 2.5              |
| 50                                       | 3.8              | 8.4              | 6.3              | 2                |
| 60                                       | -0.6             | 7.0              | 5.2              | -                |
| 200                                      | -0.4             | 2.1              | 1.6              | 0.45             |
| 210                                      | 0.6              | 2.0              | 1.5              | -                |
| 220                                      | 1.7              | 1.9              | 1.4              | -                |
| 230                                      | 2.8              | 1.8              | 1.4              | 0.42             |

## 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                     | 10-70x, 200x  |
| Macro zoom                        | No  |
| Working distance                  | Standard  |
| Lens type                         | Glass with anti-reflection coating                                    |
| Sensor                            |   |
| Sensor type                       | CMOS  |
| Resolution                        | VGA (640x480)   |
| 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                              | No  |
| <b>Housing</b>                    |   |
| Housing material                  | Composite/ plastic housing  |
| Magnification lock                | No  |
| 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 |
| Warranty information              | 2 years European warranty   |
| Regulatory approval               | CE, FCC, ROHS   |
| Price range                       | €150,00 - €250,00   |