

AM4113TL-M40



Brand:

Product Code: AM4113TL-M40

Short Description

1.3 Megapixel resolution

With magnification lock

5-40x magnification

Long working distance

Great choice for generic applications

Description

The AM4113TL-M40 is a special version of the long working distance series with a lower magnification rate of between 5 and 40 times.



USB 2.0



Measurement
functionality



Adjustable
~5 -40x



Magnification
lock



1,3 Megapixels
1280 x 1024



8 White LEDs
switchable



Long 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 |
|---------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| 10 | 155 | 38.8 | 31 | 16 |
| 20 | 73 | 19.5 | 15.6 | 5 |
| 30 | 50 | 13 | 10.4 | 3 |
| 40 | 40 | 9.8 | 7.8 | 2.5 |

**Listed values
may differ
slightly**

Unit = mm

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 | 10x ~ 40x |
| 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) |
| Housing | |
| Housing material | Composite/ plastic housing |
| Magnification lock | Yes |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 105g |
| 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 | €400,00 - €600,00 |