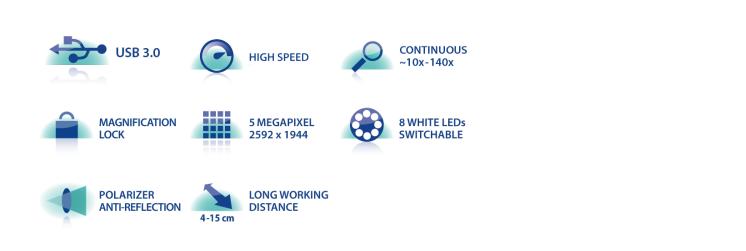


AM73115MZTL



With the use of the USB 3.0 connection the AM73115MZTL is able to capture smooth and highquality images. The Edge series optics and the special feature Flexible LED Control (FLC) makes the AM73115MZTL the best choice for the more demanding applications



The AM73115MZTL is part of the high speed range due to its USB 3.0 connection with a maximum speed of 45fps at 1280x960 and 15fps at 2560x1920. With its magnification range from 10 – 140x and long working distance, it is suitable for a broad range of applications. Because of the built-in polarization filter this model is ideal when working with shiny or reflective objects such as metal, plastic, glass, jewelry, electronics, etc. The main features of the AM73115MZTL are: 5 Megapixel Edge sensor, USB 3.0 with up to 45fps, 10-140x magnification, long working distance, integrated polarizer, aluminum housing, Flexible LED Control (FLC), extensive measurement functions, calibration, exchangeable front caps and more.

Additional Info

- Dino-Lite Range: Dino-Lite High Speed
- Resolution: High (5 Megapixel)



- Magnification: Low/medium (10x-140x)
- Interface: USB 3.0 Cable included
- Working Distance: Long
- Price Range (excl. VAT): €750,00 €1000,00
- Light/ LED type: White
- ESD Safe: Yes
- Polarizer: Yes
- Housing: Metal housing
- Special feature: Flexible LED Control (FLC)
- Dino-Lite Range: Dino-Lite High Speed
- Light/ LED type: White
- Number of LEDs: 8
- LED on/off switchable: Yes
- Infrared filter: IR cut-filter >650 nm
- Diffuser available: Yes
- Emission filter: No
- Polarizer: Yes, linear
- Magnification: 10-140x
- Macro zoom: No
- Working Distance: Long
- Resolution: 5 Megapixel (2592x1944)
- Maximum Frame rate: 45 fps
- Interface: USB 3.0, Cable included
- Housing material: Metal housing
- Magnification lock: Yes
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD Safe: Yes
- Special feature: Flexible LED Control (FLC)
- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Price Range: €750,00 €1000,00

• Details

• Dino-Lite range: Dino-Lite High Speed

• 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: 10-140x
- Macro zoom: No
- Working distance: Long
- Lens type: Glass with anti-reflection coating

• Sensor

- Sensor type: CMOS
- Resolution: 5 Megapixel (2592x1944)
- Maximum frame rate: 45 fps

• Compatibility

- Interface: USB 3.0, Cable included**
- Operating system: Windows 7, 8 & 10, MacOS 10.9 and up
- Included 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

• Housing

- Housing material: Metal housing
- Magnification lock: Yes
- Dimensions: 11.9cm (L) x 3.3cm (H)
- Weight: 110g
- Cable length: 1.8m

• Features

- Special feature: Flexible LED Control (FLC)
- Measurement: Yes
- Calibration: Yes
- Microtouch sensor: Yes
- ESD safe: Yes

• Information

- Package contents: Microscope, Carry pouch, Software CD, User manual, Quick guide, Calibration target, Front cover box
- Warranty information: 2 years European warranty
- Regulatory approval: CE, FCC, ROHS
- Price range: €750,00 €1000,00
- Working distance/ field of view/ depth of field:



Magnification Rate	Working Distance*	Field of View(x)	Field of View(y)	Depth of Field
10	234.5	39	31.2	12.0
20	112.5	19.5	15.6	4.5
30	72.5	13.0	10.4	3.1
40	54.5	9.8	7.8	1.8
50	43.5	7.8	6.2	1.2
60	37.5	6.5	5.2	0.9
70	33.7	5.6	4.5	0.6
80	31.3	4.9	3.9	0.5
90	29.9	4.3	3.5	0.37
100	29.2	3.9	3.1	0.28
110	29.1	3.6	2.8	0.22
120	29.3	3.3	2.6	0.17
130	29.8	3.0	2.4	0.12
140	30.5	2.8	2.2	0.09
Listed values may differ slightly	*Without front cap			Unit = mm

**Dino-Lite USB 3.0 models use a custom USB cable that is specifically designed for Dino-Lite

PDF generated on: 21-05-2018