Dino-Lite Europe - Phone: - Email:

AM73115MZTL

Brand: Dino-Lite

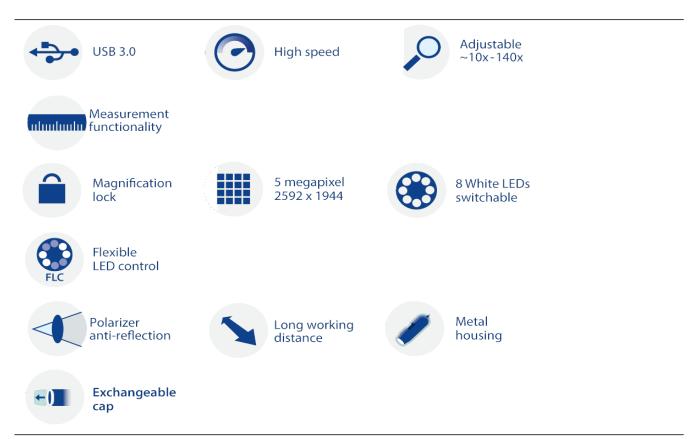
Product Code: AM73115MZTL

Short Description

5 Megapixel Edge sensor USB 3.0, maximum 45fps 10-140x magnification Long working distance (3,5~24cm) Flexible LED Control (FLC) Polarizer

Description

With the use of the USB 3.0 connection the AM73115MZTL is able to capture smooth and high-quality 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...

Working distance/field of view/depth of field

Magnification	Working	Field of View(x)	Field of	Depth of Field
Rate	Distance *		View(y)	
10	234.5	39.0	29.2	12.0
20	112.5	19.5	14.6	4.5
30	72.5	13.0	9.7	3.1
40	54.5	9.8	7.3	1.8
50	43.5	7.8	5.8	1.2
60	37.5	6.5	4.8	0.9
70	33.7	5.6	4.2	0.6
80	31.3	4.9	3.6	0.5
90	29.9	4.3	3.2	0.37
100	29.2	3.9	2.9	0.28
110	29.1	3.5	2.6	0.22
120	29.3	3.3	2.4	0.17
130	29.8	3.0	2.2	0.12
140	30.5	2.8	2.1	0.09
Listed values	* Without front			Unit = mm
may differ slightly	cap			

Specification

Specification				
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	45fps (max 20fps video recording)			
Compatibility				
Interface	USB 3.0, Cable included**			
Operating system	Windows7, 8, 10 & 11, MacOS 10.9 and up			
Included software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)			
Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,			
(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX			
Supported video formats (Windows)	WMV, FLV, SWF			
Supported image formats (MacOS)	JPEG, PNG			
Supported video formats (MacOS)	MOV (max 1.3MP)			
Imaging standards	DirectShow, UVC			
Wifi	No			
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)			
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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 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	€1000,00 - €1200,00
Note	**Dino-Lite USB 3.0 models use a custom USB-A and USB-C cable that is specifically designed for Dino-Lite

Product Gallery