Dino-Lite Europe - Phone: - Email:

AM73515MZTL



Product Code: AM73515MZTL

Short Description

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

Description

With the use of the USB 3.0 connection the AM73515MZTL is able to capture smooth and high-quality images. The Edge series optics and the special feature Flexible LED Control (FLC) and Automatic Magnification Reading (AMR) makes the AM73515MZTL the best choice for the more demanding applications.

USB 3.0 adds a new transfer mode called "SuperSpeed" (SS) capable of transferring data up to 5Gbits/s (625MB/s). Dino-Lite models with USB 3.0 offer an image transfer speed of up to 45FPS at a 1280 x 960 resolution. SuperSpeed allows you to take advantage of the full power of the Dino-Lite Edge Series optics including improved colour accuracy and image quality. The AMR function automatically detects and displays the magnification of the Dino-Lite. The magnification is displayed within the Dino-Lite software and stored with the captured picture and simplifies the measuring process. The AM73515MZTL is one of the most high-end Dino-Lite products available and the top-

level product within the Dino-Lite USB 3.0 range. For professionals who are looking for high speed data transfer, the best available image quality and are looking for advanced features this is the model of choice.



The Dino-Lite AM73515MZTL is a USB 3.0 model with a magnification range of 10x - 140x and a Long Working Distance of up to 24 cm. This model is member of the Dino-Lite Edge family with the latest, cutting-edge optics, an unmatched 5 megapixel sensor and several special features such as:

- Automatic Magnification Reading (AMR)
- Flexible LED Control (FLC)
- Built-in polarization filter
- Full metal body
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

Optical Data Table

MAGNIFICAT	I WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD
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	t		Unit = mm
may differ	cap			
slightly				

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	$10x \sim 140x$		
Macro zoom	No		
Working distance	Long		
Lens type	Glass with anti-reflection coating		
Sensor			
Sensor type	CMOS		
Resolution	5.0 Megapixel (2560x1920)		
Maximum frame rate	45fps (max 20fps video recording)		
Compatibility			
Interface	USB 3.0, Cable included**		
Operating system	Windows 7, 8, 10 & 11, MacOS 10.9 and up		
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac		
G	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	JPEG, PNG		

(MacOS)	
Supported video formats	MOV (max 1.3MP)
(MacOS)	
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	Automatic Magnification Reading (AMR) 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
	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	€1100,00 - €1300,00
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