AM73115MZTL



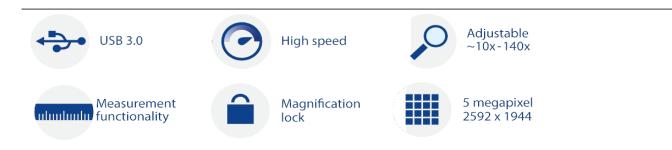
Marka: Ürün Kodu: AM73115MZTL

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

Aç?klama

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...

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Magnification Working Field of View(x) Field of **Depth of Field** Rate **Distance** * View(y) 234.5 39.0 29.2 12.0 112.5 19.5 14.6 4.5 30 72.5 13.0 9.7 3.1 54.5 7.3 1.8 9.8 50 43.5 7.8 5.8 1.2 60 37.5 6.5 4.8 0.9 33.7 70 5.6 4.2 0.6 31.3 0.5 4.9 3.6 90 29.9 4.3 3.2 0.37 100 29.2 3.9 2.9 0.28 29.1 110 3.5 2.6 0.22

Optical Data Table

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	сар			
slightly				

Özellikler

O Lemmer		
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 ~ 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	Windows7, 8, 10 & 11, MacOS 10.9 and up	
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	WMV, FLV, SWF	
(Windows)		
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)	
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