AM73115MZT



Marque: Code produit: AM73115MZT

Courte description

5 Megapixel Edge sensor USB 3.0, maximum 45fps 10-220x magnification Polarizer Flexible LED Control (FLC)

Description

With the use of the USB 3.0 connection the AM73115MZT is able to capture smooth and high-quality images. The Edge series optics and the special feature Flexible LED Control (FLC) makes the AM73115MZT the best choice for the more demanding applications.





It offers superb uncompressed image quality and color reproduction in a robust, compact and appealing metal housing. The AM73115MZT 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 wide magnification range from 20 - 220x, 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 AM73115MZT are:

- 5 Megapixel Edge sensor
- USB 3.0 with up to 45 fps
- 10-220x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- And more...

Optical Data Table

Optical Data Table						
MAGNIFICATI WORKING		FIELD OF	FIELD OF	DEPTH OF		
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD		
10	142.4	37.8	28.3	19.7		
20	59.5	19.5	14.6	5.4		
30	32.9	13.0	9.7	2.6		
40	20.2	9.8	7.3	1.6		
50	13.2	7.8	5.8	1.1		
60	9.0	6.5	4.8	0.8		
70	6.4	5.6	4.2	0.6		
80	4.8	4.9	3.6	0.5		
90	3.9	4.3	3.2	0.42		
100	3.5	3.9	2.9	0.36		
110	3.3	3.6	2.7	0.31		

120	3.5	3.3	2.4	0.27
130 140	3.8 4.3	3.0 2.8	2.2 2.1	0.24 0.22
150	4.9	2.6	1.9	0.2
160	5.6	2.4	1.8	0.18
170	6.4	2.3	1.7	0.17
180	7.3	2.2	1.6	0.15
190	8.2	2.1	1.5	0.14
200	9.2	2.0	1.5	0.13
210	10.2	1.9	1.4	0.13
220	11.3	1.8	1.3	0.12
Listed values	*Without front	t		Unit = mm
may differ slightly	сар			

Spécification

Lighting	White
Light/ LED type	
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	$10x \sim 220x$
Macro zoom	No
Working distance	Standard
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	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	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		
Galerie du produit			

Galerie du produit