Dino-Lite Europe - Phone: - Email:

AM7115MZT



Brand:

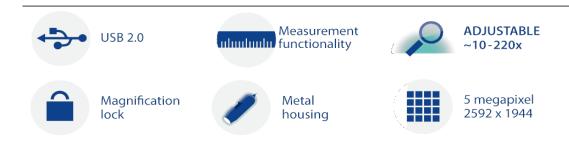
Product Code: AM7115MZT - EDGE

Short Description

5 Megapixel resolution Robust metal housing 10-220x magnification Polarizer Flexible LED Control (FLC)

Description

With the use of the latest, cutting-edge optics, a brand new 5 megapixel sensor and several special features such as Flexible LED Control (FLC) and full aluminum body, the Dino-Lite AM7115MZT is a marvel of technology and the best choice for the high-demanding professional. The Dino-Lite AM7115MZT offers superb image quality and color reproduction in a robust, compact and appealing housing.











The AM7115MZT is part of the universal range and with its standard working distance and wide magnification range from 10 - 220x, it is suitable for a wide 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 AM7115MZT are:

- 5 Megapixel Edge sensor
- 10-220x magnification
- 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

MAGNIFICA TION RATE	WORKING DISTANCE 1		FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		2* * Without front cap			Unit = mm
10	_	142.6	39.6	29.7	2.6
20	52.7	60.1	19.5	15.6	2.5
30	26.0	33.5	13.0	10.4	1.8
40	13.4	20.9	9.8	7.8	1.5
50	6.4	13.9	7.8	6.3	_
60	2.2	9.7	6.5	5.2	_
70	-	7.1	5.6	4.5	1.0
80	-	5.5	4.9	3.9	-
90	_	4.5	4.3	3.5	_

100	-	4.1	3.9	3.1	-
110	-	4.0	3.6	2.8	-
120	-	4.1	3.3	2.6	-
130	-	4.5	3.0	2.4	-
140	-	5.0	2.8	2.2	-
150	-	5.6	2.6	2.1	-
160	-	6.3	2.4	2.0	-
170	-	7.1	2.3	1.8	-
180	-	8.0	2.2	1.7	-
190	-	8.9	2.1	1.6	-
200	-	9.9	2.0	1.6	-
210	-	10.9	1.9	1.5	-
220	-	11.9	1.8	1.4	0.1

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	$10x \sim 220x$			
Macro zoom	No			
Working distance	Standard			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	5.0 Megapixel (2592x1944)			
Maximum frame rate	30 fps			
Compatibility				
Interface	USB 2.0			
Operating system	Windows 7, 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	Wireless-ready, requires the WF-10 WiFi streamer (optional)		
Housing			
Housing material	Metal housing		
Dimensions	10.5cm (L) x 3.2cm (D)		
Weight	135gr		
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, calibration		
	target, user manual, N3C-O- Open cap, N3C-C-		
	Closed cap, N3C-D- diffuser cap, N3c-extension		
	cap, N3C-L- Long cap, N3C-S- Side light cap		
Warranty information	2 years European warranty		
Regulatory approval	CE, FCC, ROHS		
Price range	€750,00 - €1000,00		

Product Gallery









