Dino-Lite Europe - Phone: - Email:

AF7115MZT



Product Code: AF7115MZT

Short Description

High Optical Resolution 5.0 Megapixel Flexible LED Control (FLC) Adjustable Polarizer Adaptable Interface Robust Metal Housing

Description

AF7115MZT is a 5-megapixel digital microscope offering high-resolution imaging with a $20x \sim 220x$ magnification. This model has Flexible LED Control (FLC) for maximizing lighting adjustability and a polarizer for reducing unwanted reflections. AF7115MZT is compatible with WF-20, a Wi-Fi streamer.













The AF7115MZT is part of the universal range and with its standard working distance and wide magnification range from 20 - 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 AF7115MZT are:

- 5 Megapixel Edge sensor
- 20x ~ 220x magnification
- Integrated polarizer
- Aluminum housing
- Flexible LED Control (FLC)
- Extensive measurement functions
- Calibration
- Exchangeable front caps
- Wireless ready
- And more...

Optical Data Table

MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE 1	VIEW(X)	VIEW(y)	FIELD
10	142.6	39.6	29.7	26.0
20	60.1	19.8	14.8	7.0
30	33.6	13.2	9.9	3.3
40	21.0	9.9	7.4	2.0
50	14.0	7.9	5.9	1.4
60	9.8	6.6	4.9	1.0
70	7.3	5.7	4.2	0.8
80	5.7	4.9	3.7	0.6
90	4.8	4.4	3.3	0.5
100	4.3	4.0	3.0	0.4
110	4.2	3.6	2.7	0.4
120	4.3	3.3	2.5	0.3
130	4.7	3.0	2.3	0.3

140	5.2	2.8	2.1	0.3
150	5.8	2.6	2.0	0.3
160	6.5	2.5	1.9	0.2
170	7.3	2.3	1.8	0.2
180	8.1	2.2	1.6	0.2
190	9.1	2.1	1.6	0.2
200	10.0	2.0	1.5	0.2
210	11.0	1.9	1.4	0.2
220	12.1	1.8	1.3	0.2
Listed values		* Without front	,	Unit = mm
may differ		cap		
slightly				

Specification

White				
8				
Yes				
IR cut-filter >650 nm				
Yes (N3C-D included)				
No				
Yes, linear				
Optics				
$20x \sim 220x$				
No				
Standard				
Glass with anti-reflection coating				
Sensor				
CMOS				
5.0 Megapixel (2592x1944)				
30 fps				
Compatibility				
USB 2.0				
Windows 7, 8, 10 & 11, MacOS 10.9 and up				
DinoCapture 2.0 (Windows), DinoXcope (Mac OS)				
BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,				
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	Wireless-ready, requires the WF-20 (optional)		
Housing			
Housing material	Metal housing		
Dimensions	11.5cm (L) x 3.4cm (D)		
Weight	97gr		
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	€900,00 - €1100,00		