

AF7115MZTW

Product Code: AF7115MZTW



Short Description

High Optical Resolution

5.0 Megapixels

Flexible LED Control (FLC)

Adjustable Polarizer

Macro zoom optics

Description

The 5MP Edge AM7115MZTW - Edge provides macro-level imaging with zoom capabilities. This microscope includes a polarizer to reduce reflections and features FLC for adjustable illumination. AF7115MZTW is compatible with the optional WF-20 Wi-Fi streamer.



USB 2.0



Flexible LED
Control FLC



Measurement
functionality



Metal
housing



5 megapixel
2592 x 1944



8 White LEDs
switchable



Magnification
lock



Polarizer
anti-reflection



Exchangeable
cap

Adjustable
~10-50x

The main features of the AM7115MZTW - Edge are:

- 5 Megapixel sensor
- Macro zoom optics
- Adjustable polarizer
- Robust Metal housing
- Flexible LED Control (FLC)
- High Optical Resolution
- Adaptable Interface
- And more...

Working distance/field of view/depth of field

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		* Without front cap		Unit = mm

T Zone

50	23	8	6	4
40	43	10	7	6
30	43	13	10	11
20	128	20	15	27
15	183	26	20	48

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ slightly		* Without front cap		Unit = mm

W Zone

30	19	13	10	7
20	33	20	15	7
15	47	26	20	25
10	76	40	30	57
5	163	79	59	297

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Diffuser available	Yes (N3C-D included)
Emission filter	No
Polarizer	Yes, linear
Optics	
Magnification	10x ~ 50x
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 10.14 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Supported image formats (Windows)	BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM
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 adapter (optional)
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	15 mm (H) x 34 mm (D)
Weight	97g
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-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	€900,00 - €1100,00

Product Gallery



