

AM62118MZT

Product Code: AM62118MZTL



Short Description

HDMI Output

USB?C Output

Standard

Enhanced Flexible LED Control (eFLC)

Adjustable Polarizer

Description

The AM62118MZT is a digital microscope with a magnification range of 10x ~ 220x, featuring both 1080p HDMI and 2-megapixel USB output options from a single device. HDMI mode offers real-time, smooth, and high-definition imaging on a display, while USB mode enables PC-based functionalities through software.

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Note: HDMI and USB mode cannot be used simultaneously.



HDMI
connector



8 White LEDs
switchable



Adjustable
~10-220x



The main features of the AM62118MZT are:

- HDMI Output
- High Quality Optics
- USB?C Output
- Adjustable Polarizer
- Standard
- Enhanced Flexible LED Control (eFLC)
- Robust Metal Housing

Optical Data Table

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
10x	238.2	60.69	34.14	22.95
20x	115.4	30.35	17.07	6.31
30x	75.8	20.23	11.38	3.06
40x	57.1	15.17	8.53	1.86
50x	46.7	12.14	6.83	1.28
60x	40.5	10.11	5.69	0.95
70x	36.6	8.67	4.88	0.75
80x	34.2	7.59	4.27	0.61
90x	32.9	6.74	3.79	0.51
100x	32.2	6.07	3.41	0.43
110x	32.0	5.52	3.10	0.38
120x	32.2	5.06	2.85	0.33
130x	32.8	4.67	2.63	0.30
140x	33.5	4.34	2.44	0.27

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
Polarizer	Yes, linear
Optics	
Magnification	10x ~ 220x
Macro zoom	Yes
Working distance	Standard
Sensor	
Sensor type	CMOS
Resolution	2.0 Megapixel (1920x1080)
Maximum frame rate	30 fps at 2.0 MP, MJPEG
Compatibility	
Interface	USB 2.0 (Type-C) and HDMI
Software	DinoCapture 2.0 (Windows), DinoCapture 3.0 (Windows), DinoXcope (Mac OS)
Housing	
Housing material	Metal housing
Dimensions	130 mm (H) x 33 mm (D)
Weight	120 g
Cable length	Type-C to Type-C, Cable (1.8 m), Type-C to Type-A Cable (1.8 m), Mini-HDMI to HDMI Cable (1.8 m)
Features	
Special feature	Enhanced Flexible LED Control (eFLC)
Microtouch sensor	Yes
Information	
Package contents	Microscope, Carry pouch, software CD, calibration target, user manual, N3C-C (Close Cap) N3C-D (Diffuser Cap) N3C-D2 (Opal Diffuser Cap) N3C-E (Extended Open Cap) N3C-L (Long Cap) N3C-O (Open Cap) N3C-S (Sidelight Cap)
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS