

AG5515MZTL

Product Code: AG5515MZTL



Short Description

Global Shutter

2.0 Megapixel

Enhanced Flexible LED Control (eFLC)

Extended Dynamic Range (EDR)

Automatic Magnification Readout (AMR)

Description

Using its global shutter sensor, the long working distance AG5515MZTL delivers distortionfree live imaging of moving subjects. For dynamic inspections and motion analysis, a software trigger function provides an adjustable frame rate for time-interval observation, supporting applications such as microfluidics and micromechanics. This model features a 2- megapixel sensor, 10x ~ 140x magnification, and professional tools such as AMR, eFLC, and EDR.



USB 2.0



2,0 Megapixel
1920 x 1080



Continuous
~10x - 140x



Magnification
lock



Polarizer
anti-reflection



Exchangeable
cap



The main features of the AG5515MZTL are:

- Global Shutter
- High Quality Optics
- 2.0 Megapixel
- Software Trigger
- Enhanced Flexible LED Control (eFLC)
- Adjustable Polarizer
- Extended Dynamic Range (EDR)
- Automatic Magnification Readout (AMR)
- Robust Metal Housing

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
10x	230.0	60.70	34.14	24.34
20x	111.3	30.35	17.07	6.52
30x	73.2	20.23	11.38	3.09
40x	55.3	15.17	8.54	1.86
50x	45.4	12.14	6.83	1.27
60x	39.5	10.12	5.69	0.94
70x	35.9	8.67	4.88	0.73
80x	33.8	7.59	4.27	0.59
90x	32.6	6.74	3.79	0.49
100x	32.1	6.07	3.41	0.42
110x	32.1	5.52	3.10	0.36
120x	32.4	5.06	2.85	0.32
130x	33.1	4.67	2.63	0.28
140x	33.9	4.34	2.44	0.25

Specification

Lighting	
Light/ LED type	White
Light/ LED type	8
Polarizer	Yes
Optics	
Magnification	10x ~ 140x
Working distance	Long
Lens type	Global Shutter
Sensor	
Sensor type	CMOS
Resolution	2.0 Megapixel (1920 x 1080)
Maximum frame rate	30 fps
Compatibility	
Interface	USB 2.0
Operating system	Windows 10/11
Software	DinoCapture 2.0, DinoCapture 3.0 (Windows)
Supported image formats (Windows)	BMP, PNG, TIF, JPG
Supported video formats (Windows)	DinoCapture 2.0: WMV, FLV, SWF. DinoCapture 3.0: MP4
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	130 mm (H) x 33 mm (D)
Weight	Approx. 120 g
Cable length	Type-C to Type-C Cable with Screw Lock (1.8 m) Type-C to. Type-A Cable with Screw Lock (1.8 m)
Features	
Special feature	Enhanced Flexible LED Control (eFLC), Extended Dynamic Range (EDR), Automatic Magnification Readout (AMR)
Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
Information	
Package contents	Microscope, carry pouch, 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

Price range	€1100,00 - €1300,00
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