

# AG5915MZTL

**Product Code:** AG5915MZTL



## Short Description

Global Shutter

2.0 Megapixel

Software Trigger

Depth Acquisition (DPQ)

Auto and Manual Refocus

## Description

Using its global shutter sensor, the long working distance AG5915MZTL delivers distortion-free 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 a full set of professional tools such as AMR, eFLC, EDR, EDOF, DPQ, and Auto/Manual Refocus.



USB 2.0



2,0 Megapixel  
1920 x 1080



Continuous  
~10x - 140x



Magnification  
lock



Polarizer  
anti-reflection



Exchangeable  
cap



**The main features of the AG5915MZT are:**

- Global Shutter
- High Quality Optics
- 2.0 Megapixel
- Software Trigger
- Enhanced Flexible LED Control (eFLC)
- Long Working Distance (LWD) Optics
- Adjustable Polarizer
- Extended Dynamic Range (EDR)
- Extended Depth of Field (EDOF)
- Depth Acquisition (DPQ)
- Auto and Manual Refocus
- 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
<b>Listed values may differ slightly</b>	<b>* Without front cap</b>			<b>Unit = mm</b>
10x	229.5	60.70	34.14	24.21
20x	111.4	30.35	17.07	6.48
30x	73.5	20.23	11.38	3.32
40x	55.6	15.17	8.54	2.12
50x	45.7	12.14	6.83	1.51
60x	39.9	10.12	5.69	1.16
70x	36.3	8.67	4.88	0.94

80x	34.2	7.59	4.27	0.78
90x	33.0	6.74	3.79	0.67
100x	32.5	6.07	3.41	0.58
110x	32.5	5.52	3.10	0.51
120x	32.8	5.06	2.85	0.46
130x	33.5	4.67	2.63	0.42
140x	34.3	4.34	2.44	0.38

## Specification

Lighting	
Light/ LED type	White
Number of LEDs	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), Extended Depth of Field (EDOF), Automatic Magnification Readout (AMR), Software Trigger, Depth Acquisition (DPQ), Auto and Manual Refocus

Measurement	Yes
Calibration	Yes
Microtouch sensor	Yes
<b>Information</b>	
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	€1400,00 - €1600,00