

AM5216ZTL

Brand: Dino-Lite
Product Code: AM5216ZTL

Short Description

Direct VGA connection
With magnification lock
10-140x magnification
Long working distance
Polarizer (anti-reflection)
High 1280x720 resolution

Description

The Dino-Lite AM5216ZTL connects directly to a VGA screen via a VGA (D-SUB) connector. It offers a high frame rate of up to 60fps at 1280x720 resolution, resulting in crystal clear images.



Together with the long working distance of up to 15 centimeters the AM5216ZTL is the ideal choice in situations, where real time images are vital, such as working on PCB's or other miniature objects. By tapping the Microtouch sensor on the microscope, the image can be frozen for inspection of important details and by pressing the Microtouch sensor for 2 seconds the LEDs can be switched on and off. The built-in adjustable polarizer reduces glare and reflection on shiny objects, such as metal surfaces, electronics, plastics etc. (The AM5216ZTL replaces model AM5116ZTL.)

» *Also available: AM5216TL without polarizer*

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				
10	234.5	39.0	22	12
20	112.5	19.5	11	4.5
30	72.5	13.0	7.3	3.1
40	54.5	9.8	5.5	1.8
50	43.5	7.8	4.4	1.2
60	37.5	6.5	3.7	0.9
70	33.7	5.6	3.2	0.6
80	31.3	4.9	2.8	0.5
90	29.9	4.3	2.4	0.37
100	29.2	3.9	2.2	0.28
110	29.1	3.5	2	0.22
120	29.3	3.3	1.9	0.17
130	29.8	3.0	1.7	0.12
140	30.5	2.8	1.6	0.09

Specification

Lighting	
Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Diffuser available	Yes (N3C-D included)
Emission filter	No
Polarizer	Yes, linear
Optics	
Magnification	10-140x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	1280x720 (720p)

Maximum frame rate	60 fps
Compatibility	
Interface	VGA (D-Sub)
Wifi	No
Housing	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105g
Cable length	0.6m
Features	
Special feature	No
Measurement	No
Calibration	No
Microtouch sensor	Yes
ESD safe	No
Information	
Package contents	Microscope, carry pouch, power adapter, front cover box, user manual
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€600,00 - €800,00

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