# AM5216ZT



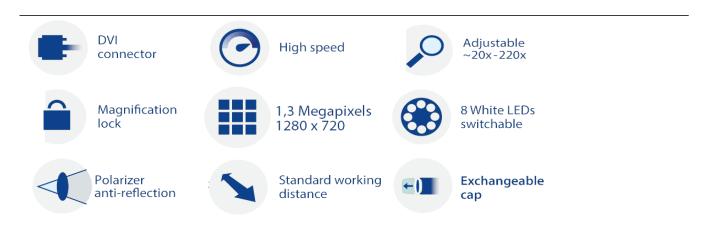
Marke: Artikelnummer: AM5216ZT

#### **Short Description**

Direct VGA connection With magnification lock 20-220x magnification Polarizer (anti-reflection) High 1280x720 resolution

#### Beschreibung

The Dino-Lite AM5216ZT 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.



The AM5216ZT 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 AM5216ZT replaces model AM5116ZT.)

## » Also available: AM5216T without polarizer

## Working distance/field of view/depth of field

slightly $20$ $60.2$ $19.5$ $15.6$ $2.5$ $30$ $33.5$ $13.0$ $10.4$ $1.8$ $40$ $20.9$ $9.8$ $7.8$ $1.5$ $50$ $13.9$ $7.8$ $6.3$ - $60$ $9.7$ $6.5$ $5.2$ - $70$ $7.1$ $5.6$ $4.5$ $1.0$ $80$ $5.5$ $4.9$ $3.9$ -	MAGNIFICATI ON RATE Listed values may differ	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD <b>Unit = mm</b>
30 $33.5$ $13.0$ $10.4$ $1.8$ $40$ $20.9$ $9.8$ $7.8$ $1.5$ $50$ $13.9$ $7.8$ $6.3$ - $60$ $9.7$ $6.5$ $5.2$ - $70$ $7.1$ $5.6$ $4.5$ $1.0$	slightly				
4020.99.87.81.55013.97.86.3-609.76.55.2-707.15.64.51.0	20	60.2	19.5	15.6	2.5
5013.97.86.3-609.76.55.2-707.15.64.51.0	30	33.5	13.0	10.4	1.8
609.76.55.2-707.15.64.51.0	40	20.9	9.8	7.8	1.5
70 7.1 5.6 4.5 1.0	50	13.9	7.8	6.3	-
	60	9.7	6.5	5.2	-
80 5.5 4.9 3.9 -	70	7.1	5.6	4.5	1.0
	80	5.5	4.9	3.9	-
90 4.5 4.3 3.5 -	90	4.5	4.3	3.5	-
100 4.1 3.9 3.1 -	100	4.1	3.9	3.1	-
110 4 3.6 2.8 -	110	4	3.6	2.8	-
120 4.1 3.3 2.6 -	120	4.1	3.3	2.6	-
130 4.5 3 2.4 -	130	4.5	3	2.4	-
140 5 2.8 2.2 -	140	5	2.8	2.2	-
150 5.6 2.6 2.1 -	150	5.6	2.6	2.1	-
160 6.3 2.4 2 -	160	6.3	2.4	2	-
170 7.1 2.3 1.8 -	170	7.1	2.3	1.8	-
180 8 2.2 1.7 -	180	8	2.2	1.7	-
190 8.9 2.1 1.6 -	190	8.9	2.1	1.6	-
200 9.9 2.0 1.6 -	200	9.9	2.0	1.6	-
210 10.9 1.9 1.5 -	210	10.9	1.9	1.5	-
220 11.9 1.8 1.4 0.1	220	11.9	1.8	1.4	0.1

## Spezifikation

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	$20x \sim 220x$		
Macro zoom	No		
Working distance	Standard		
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		
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		
Product Gallery			

