

# AM5216ZT

**Brand:**  
**Product Code:** AM5216ZT



## Short Description

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

## Description

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.



DVI  
connector



High speed



Adjustable  
~20x-220x



Magnification  
lock



1,3 Megapixels  
1280 x 720



8 White LEDs  
switchable



Polarizer  
anti-reflection



Standard working  
distance



Exchangeable  
cap

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

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
<b>Listed values may differ slightly</b>				<b>Unit = mm</b>
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	-
90	4.5	4.3	3.5	-
100	4.1	3.9	3.1	-
110	4	3.6	2.8	-
120	4.1	3.3	2.6	-
130	4.5	3	2.4	-
140	5	2.8	2.2	-
150	5.6	2.6	2.1	-
160	6.3	2.4	2	-
170	7.1	2.3	1.8	-
180	8	2.2	1.7	-
190	8.9	2.1	1.6	-
200	9.9	2.0	1.6	-
210	10.9	1.9	1.5	-
220	11.9	1.8	1.4	0.1

### Specification

<b>Lighting</b>	
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
<b>Optics</b>	
Magnification	20x ~ 220x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
<b>Sensor</b>	
Sensor type	CMOS
Resolution	1280x720 (720p)
Maximum frame rate	60 fps
<b>Compatibility</b>	
Interface	VGA (D-Sub)
Wifi	No
<b>Housing</b>	
Housing material	Composite/ plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105g
Cable length	0.6m
<b>Features</b>	
Special feature	No
Calibration	No
Microtouch sensor	Yes
ESD safe	No
<b>Information</b>	
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

