Dino-Lite Europe - Phone: - Email:

## **AM5216ZT**



**Brand:** 

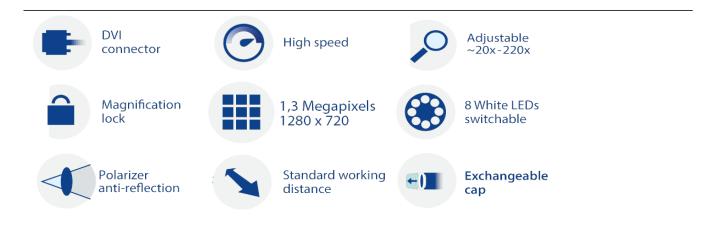
**Product Code:** AM5216ZT

#### **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.



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

MAGNIFICATI ON RATE Listed values may differ	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD Unit = mm
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	_
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**

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**



