

# AM5218MZTL Edge

**Brand:** Dino-Lite  
**Product Code:** AM5218MZTL Edge



## Short Description

Direct DVI connection  
Robust metal housing  
20-90x magnification  
Long working distance  
Polarizer (anti-reflection)  
High 720p HD resolution

## Description

The Dino-Lite AM5218MZTL Edge can be connected directly to a HDTV or a LCD monitor through a direct digital DVI/HDMI interface. It offers sharp and vibrant HD 720p resolution to display even the smallest details.



DVI  
connector



High speed



Adjustable  
~10x - 140x



Exchangeable  
cap



HD  
720 p



8 White LEDs  
switchable



Metal  
housing



Long working  
distance



Polarizer  
anti-reflection



Magnification  
lock

Together with the long working distance of up to 15 centimetres the AM5218MZTL Edge 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 aluminium housing offers enhanced protection and durability and has the best look and feel. The built-in adjustable polarizer reduces glare and reflection on shiny objects, such as metal surfaces, electronics, plastics etc.

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

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
10	234.5	39	23.4	12
20	112.5	19.5	11.7	4.5
30	72.5	13	7.8	3.1
40	54.5	9.8	5.9	1.8
50	43.5	7.8	4.7	1.2
60	37.5	6.5	3.9	0.9
70	33.7	5.6	3.4	0.6
80	31.3	4.9	3	0.5
90	29.9	4.3	2.6	0.37
100	29.2	3.9	2.3	0.28
110	29.1	3.5	2.1	0.22
120	29.3	3.3	2	0.17
130	29.8	3	1.8	0.12
140	30.5	2.8	1.7	0.09

Listed values  
may differ  
slightly

Unit = mm

### Specification

Lighting

Light/ LED type	White
Number of LEDs	8
LED on/off switchable:	Yes
Infrared filter	IR cut-filter >650 nm
Emission filter	No
Polarizer	Yes, linear
<b>Optics</b>	
Magnification	10-140x
Macro zoom	No
Working distance	Long
Lens type	Glass with anti-reflection coating
<b>Sensor</b>	
Sensor type	CMOS
Resolution	HD 720p
Maximum frame rate	60 fps
<b>Compatibility</b>	
Interface	DVI & HDMI
Wifi	No
<b>Housing</b>	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	140g
Cable length	1.8m
<b>Features</b>	
Special feature	No
Measurement	No
Calibration	No
Microtouch sensor	Yes
ESD safe	Yes
<b>Information</b>	
Package contents	Microscope, carry pouch, DVI & HDMI cable, power adapter, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-D- Diffuser cap, N3C-E- Extension cap, N3C-L- Long cap, N3C-S- Side light cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€900,00 - €1100,00

## Product Gallery

