

# AM5218MZTW

**Brand:** Dino-Lite  
**Product Code:** AM5218MZTW



## Short Description

HDMI interface  
High optical resolution  
Wide Field of View (WFOV)  
Microtouch button  
Interchangeable caps

## Description

Change between micro- and macro- observations with Dino-Lite AM5218MZTW wide field of view microscope. AM5218MZTW is a 720p live streaming microscope with direct HDMI connectivity to LCD and TV displays, suited for applications that only require a monitor.



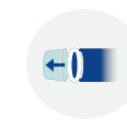
HDMI  
connector



Resolution  
1080x 720 (720p)



High speed



Exchangeable  
cap



HD  
720 p



8 White LEDs  
switchable



Metal housing



Standard working distance



Polarizer anti-reflection



Magnification lock



Adjustable ~10-50x

**The main features of the AM5218MZTW are:**

- HDMI interface
- High optical resolution
- Wide Field of View (WFOV)
- Microtouch button
- Interchangeable caps
- HD 720p
- And more...

**Working distance/field of view/depth of field**

<b>MAGNIFICATION RATE</b>	<b>WORKING DISTANCE</b>	<b>FIELD OF VIEW(X)</b>	<b>FIELD OF VIEW(Y)</b>	<b>DEPTH OF FIELD</b>
<b>T Zone</b>				
50	10	9	7	3
40	30	11	9	4
30	60	15	12	6
20	120	23	19	
15	170	30	24	

Listed values may differ slightly

Unit = mm

<b>MAGNIFICATION RATE</b>	<b>WORKING DISTANCE</b>	<b>FIELD OF VIEW(X)</b>	<b>FIELD OF VIEW(Y)</b>	<b>DEPTH OF FIELD</b>
<b>W Zone</b>				
30	10	14	11	6
20	30	25	20	
15	40	31	25	
10	60	41	33	
5	170	98	78	

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
Optics	
Magnification	10x~50x
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	HD 720p
Maximum frame rate	60 fps
Compatibility	
Interface	HDMI
Wifi	No
Housing	
Housing material	Metal housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	125g
Features	
Special feature	No
Measurement	No
Calibration	No
Microtouch sensor	Yes
ESD safe	Yes
Information	
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
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## **Product Gallery**