

# AM5218MZTW

**Marke:**

**Artikelnummer:** AM5218MZTW



## Short Description

HDMI interface

High optical resolution

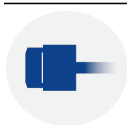
Wide Field of View (WFOV)

Microtouch button

Interchangeable caps

## Beschreibung

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.



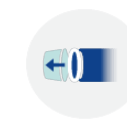
HDMI  
connector



Resolution  
1080 x 720 (720p)



High speed



Exchangeable  
cap



HD  
720 p



8 White LEDs  
switchable



Metal  
housing

Magnification  
lock



Standard working  
distance



Adjustable  
~10-50x



Polarizer  
anti-reflection

## 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

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--------------------|------------------|------------------|------------------|----------------|
| <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

| MAGNIFICATION RATE | WORKING DISTANCE | FIELD OF VIEW(X) | FIELD OF VIEW(Y) | DEPTH OF FIELD |
|--------------------|------------------|------------------|------------------|----------------|
| <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

## Spezifikation

|                        |                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|-------------|--------------------|

**Product Gallery**