

AM5218MZTW

Brand:

Product Code: AM5218MZTW



Short Description

HDMI interface

High optical resolution

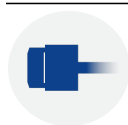
Wide Field of View (WFOV)

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

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 |
|--------------------|------------------|------------------|------------------|----------------|
| T Zone | | | | |
| 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 |
|--------------------|------------------|------------------|------------------|----------------|
| W Zone | | | | |
| 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 |

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|-------------|--------------------|
| Price range | €900,00 - €1100,00 |
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Product Gallery