

# AM5218MZTF



**Marca:**

**Codice del prodotto:** AM5218MZTF

## Short Description

HDMI interface Extra-long Working Distance (ELWD)

Adjustable polarizer

10x ~ 70x Magnification

HD 720p Resolution

## Descrizione

For professionals in need of space for handling targets, Dino-Lite AM5218MZTF and its extra-long working distance feature is the perfect choice. AM5218MZTF can connect to the all common LCDs thanks to its HDMI connectivity.



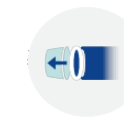
HDMI  
connector



High speed



Continuous  
~10x-70x



Exchangeable  
cap



HD  
720 p



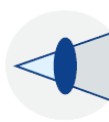
8 White LEDs  
switchable



Metal  
housing



Long working  
distance



Polarizer  
anti-reflection



Magnification  
lock



Resolution  
1080 x 720 (720p)

## The main features of the AM5218MZTF are:

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

### Optical Data Table

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

#### Measurement Data

|    |     |      |      |       |
|----|-----|------|------|-------|
| 10 | 503 | 39.1 | 31.3 | 31.49 |
| 20 | 271 | 19.5 | 15.6 | 8.67  |
| 30 | 196 | 13.0 | 10.4 | 4.20  |
| 40 | 159 | 9.8  | 7.8  | 2.56  |
| 50 | 135 | 7.8  | 6.3  | 1.76  |
| 60 | 120 | 6.5  | 5.2  | 1.31  |
| 70 | 108 | 5.6  | 4.5  | 1.03  |

Listed values  
may differ  
slightly

Unit = mm

### Specifiche

| Lighting               |           |
|------------------------|-----------|
| Light/ LED type        | White     |
| Number of LEDs         | 8         |
| LED on/off switchable: | Yes       |
| Polarizer              | Yes       |
| Optics                 |           |
| Magnification          | 10x ~ 70x |
| Working distance       | Long      |
| Sensor                 |           |
| Sensor type            | CMOS      |
| Resolution             | HD 720p   |

|                      |                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Maximum frame rate   | 60 fps                                                                                                                              |
| Compatibility        |                                                                                                                                     |
| Interface            | HDMI                                                                                                                                |
| Housing              |                                                                                                                                     |
| Housing material     | Metal housing                                                                                                                       |
| Dimensions           | 104 mm (H) x 33 mm (D)                                                                                                              |
| Weight               | 125 g                                                                                                                               |
| Features             |                                                                                                                                     |
| Special feature      | Extra-long Working Distance (ELWD)                                                                                                  |
| Information          |                                                                                                                                     |
| Package contents     | Microscope, carry pouch, DVI & HDMI cable, power adapter, user manual, N3C-C (Close Cap) N3C-E (Extended Open Cap) N3C-O (Open Cap) |
| Warranty information | 2 years European warranty                                                                                                           |
| Regulatory approval  | CE, FCC, ROHS                                                                                                                       |