

AM5018MZT

Brand: Dino-Lite
Product Code: AM5018MZT



Short Description

Direct DVI connection
Robust metal housing
10-70, 200x magnification
Polarizer (anti-reflection)
High 720p HD resolution

Description

The Dino-Lite AM5018MZT 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
~10-70x & 200x



HD
720 p



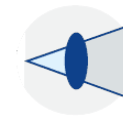
8 White LEDs
switchable



Metal
housing



Standard working
distance



Polarizer
anti-reflection



Magnification
lock

The AM5018MZT 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 |
|--|------------------|------------------|------------------|------------------|
| Listed values may differ slightly | | | | Unit = mm |
| 20 | 48.7 | 19.6 | 10.9 | 3.6 |
| 30 | 21.7 | 13.0 | 7.3 | 1.9 |
| 40 | 9.0 | 9.8 | 5.5 | - |
| 50 | 1.9 | 7.8 | 4.4 | 0.88 |
| 60 | -2.3 | 6.5 | 3.6 | - |
| 220 | -0.1 | 1.8 | 1.0 | 0.2 |
| 230 | 1.0 | 1.7 | 1.0 | - |
| 240 | 2.1 | 1.6 | 0.9 | - |

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 | 10-70x, 200x |
| 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 | DVI & HDMI |
| Wifi | No |
| Housing | |
| Housing material | Metal housing |
| Magnification lock | Yes |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 140g |
| Cable length | 1.8m |
| 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 |
| Warranty information | 2 years European warranty |
| Regulatory approval | CE, FCC, ROHS |
| Price range | €550,00 - €750,00 |

Product Gallery