

# AM5216TF

**Brand:**

**Product Code:** AM5216TF



## Short Description

Extra-long working distance

High optical resolution

D-sub interface

Microtouch button

Interchangeable front caps

## Description

Designed to provide extra-long working distance, the Dino-Lite Edge D-sub series AM5216TF offers minimum 108mm viewing distance at maximum 70X magnification. Through direct connection to VGA monitors, the AM5216TF can be well-suited for inspection, quality control, failure analysis, etc.



Magnification  
lock



8 White LEDs  
switchable



Exchangeable  
cap



Direct VGA  
connection



Continuous  
~10x-70x



DVI  
connector



High speed

Resolution  
1080 x 720 (720p)**The main features of the AM5216TF are:**

- Extra-long working distance
- High optical resolution
- D-sub interface
- Microtouch button
- Interchangeable front caps
- 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>Listed values may differ slightly</b> |                  |                  |                  | <b>Unit = mm</b> |
| 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             |

**Specification**

| Lighting               |                                    |
|------------------------|------------------------------------|
| Light/ LED type        | White                              |
| Number of LEDs         | 8                                  |
| LED on/off switchable: | Yes                                |
| Emission filter        | No                                 |
| Polarizer              | No                                 |
| Optics                 |                                    |
| Magnification          | 10x ~ 70x                          |
| Macro zoom             | Yes                                |
| Working distance       | Long                               |
| Lens type              | Glass with anti-reflection coating |
| Sensor                 |                                    |
| Sensor type            | CMOS                               |
| Resolution             | 1280x720 (720p)                    |

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| Maximum frame rate   | 60 fps                                                               |
| Compatibility        |                                                                      |
| Interface            | VGA (D-Sub)                                                          |
| Housing              |                                                                      |
| Housing material     | Composite/ plastic housing                                           |
| Magnification lock   | No                                                                   |
| Dimensions           | 10.5cm (H) x 3.2cm (D)                                               |
| Weight               | 105g                                                                 |
| Features             |                                                                      |
| Special feature      | No                                                                   |
| Measurement          | No                                                                   |
| Calibration          | No                                                                   |
| Microtouch sensor    | Yes                                                                  |
| ESD safe             | No                                                                   |
| Information          |                                                                      |
| Package contents     | Microscope, carry pouch, power adapter, front cover box, user manual |
| Warranty information | 2 years European warranty                                            |
| Regulatory approval: | CE, FCC, ROHS                                                        |
| Price range          | €519,00 - €719,00                                                    |