

# AM4116T

**Brand:** Dino-Lite  
**Product Code:** AM4116T

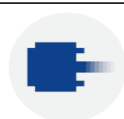


## Short Description

Direct VGA connection  
With magnification lock  
10-70, 200x magnification  
Great choice for generic applications

## Description

The Dino-Lite AM4116T connects directly to a VGA screen via a VGA (D-SUB) connector. It offers a high frame rate of up to 60fps at 800x600 resolution and has enhanced low light visibility so you can see clearly in any situation.



DVI  
connector



High speed



Adjustable  
~10-70x & 200x



Resolution  
800 x 600



8 White LEDs  
switchable



Standard working  
distance

The AM4116T is the ideal choice in situations, where real time images are vital. The LEDs can be switched on and off by using the Microtouch sensor on the microscope.

**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> |
| 20                                       | 51.7             | 21.0             | 15.7             | 8                |
| 30                                       | 24.1             | 14.0             | 10.5             | 4                |
| 40                                       | 11.0             | 10.5             | 7.9              | 2.5              |
| 50                                       | 3.8              | 8.4              | 6.3              | 2                |
| 60                                       | -0.6             | 7.0              | 5.2              | -                |
| 200                                      | -0.4             | 2.1              | 1.6              | 0.45             |
| 210                                      | 0.6              | 2.0              | 1.5              | -                |
| 220                                      | 1.7              | 1.9              | 1.4              | -                |
| 230                                      | 2.8              | 1.8              | 1.4              | 0.42             |

## Specification

| Lighting               |                                    |
|------------------------|------------------------------------|
| Light/ LED type        | White                              |
| Number of LEDs         | 8                                  |
| LED on/off switchable: | Yes                                |
| Infrared filter        | IR cut-filter >650 nm              |
| Diffuser available     | MSAA111A1 (optional accessory)     |
| Emission filter        | No                                 |
| Polarizer              | No                                 |
| Optics                 |                                    |
| Magnification          | 10-70x, 200x                       |
| Macro zoom             | No                                 |
| Working distance       | Standard                           |
| Lens type              | Glass with anti-reflection coating |
| Sensor                 |                                    |
| Sensor type            | CMOS                               |
| Resolution             | 800x600 pixels                     |
| Maximum frame rate     | 60 fps                             |
| Compatibility          |                                    |
| Interface              | VGA (D-Sub)                        |
| Wifi                   | No                                 |
| Housing                |                                    |
| Housing material       | Composite/ plastic housing         |

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Magnification lock   | Yes                                                 |
| Dimensions           | 10.5cm (L) x 3.2cm (D)                              |
| Weight               | 95g                                                 |
| Cable length         | 0.6m                                                |
| Features             |                                                     |
| Special feature      | No                                                  |
| Measurement          | No                                                  |
| Calibration          | No                                                  |
| Microtouch sensor    | Yes                                                 |
| ESD safe             | No                                                  |
| Information          |                                                     |
| Package contents     | Microscope, carry pouch, power adaptor, user manual |
| Warranty information | 2 years European warranty                           |
| Regulatory approval  | CE, FCC, ROHS                                       |
| Price range          | €250,00 - €400,00                                   |

**Product Gallery**

