

# AM2111

**Brand:****Product Code:** AM2111

## Short Description

640x480 Resolution

4 white LEDs (non-switchable)

10-70, 200x magnification

Economic choice for consumer use

## Description

The AM2111 Dino-Lite Basic is the entry level Dino-Lite USB microscope without compromise on product quality. It offers VGA resolution imaging (640x480), LED illumination, tough composite housing and a variable magnification of 10~70x and 200x.



USB 2.0

Adjustable  
~10-70x & 200xVGA resolution  
640 x 4804 White LEDs  
non switchableStandard working  
distance

In addition, the series offers video frame rates up to 30 fps and the ability to save files in BMP, JPG and AVI format. Professional-quality imaging results can be viewed on any computer via high speed USB 2.0 output and the included DinoCapture (for PC) or DinoXcope (for MAC) software. The Dino-Lite AM2111 Basic is an excellent choice for hobbyists, schools, kids or any other cost sensitive application.

**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 | 25.0 | 15.7 | 8.02 |
| 30  | 24.1 | 14.0 | 10.5 | -    |
| 40  | 11.0 | 10.5 | 7.9  | -    |
| 50  | 3.8  | 8.4  | 6.3  | 1.95 |
| 60  | -0.6 | 7.0  | 5.2  | -    |
| 200 | -0.4 | 2.1  | 1.6  | 0.46 |
| 210 | 0.6  | 2.0  | 1.5  | -    |
| 220 | 1.7  | 1.9  | 1.4  | -    |
| 230 | 2.8  | 1.8  | 1.4  | -    |

**Specification**

| Lighting               |   |
|------------------------|---|
| Light/ LED type        | White                                     |
| Number of LEDs         | 4   |
| LED on/off switchable: | No  |
| Infrared filter        | IR cut-filter >650 nm                     |
| Diffuser available     | No  |
| Emission filter        | No  |
| Polarizer              | No  |
| Optics                 |   |
| Magnification          | 20-50x, 200x                              |
| Macro zoom             | No  |
| Working distance       | Standard                                  |
| Lens type              | Glass with anti-reflection coating        |
| Sensor                 |   |
| Sensor type            | CMOS                                      |
| Resolution             | VGA (640x480)                             |
| Maximum frame rate     | 30 fps                                    |
| Compatibility          |   |
| Interface              | USB 2.0                                   |
| Operating system       | Windows 7, 8, 10 & 11, MacOS 10.9 and up  |
| Software               | DinoCapture 2.0 (Windows), DinoXcope (Mac |

|                                   |   |
|-----------------------------------|---|
|                                   | OS)   |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Supported video formats (Windows) | WMV, FLV, SWF   |
| Supported image formats (MacOS)   | JPEG, PNG   |
| Supported video formats (MacOS)   | MOV   |
| Imaging standards                 | DirectShow, UVC   |
| Wifi                              | No  |
| <b>Housing</b>                    |   |
| Housing material                  | Composite/ plastic housing  |
| Magnification lock                | No  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)  |
| Weight                            | 105g  |
| Cable length                      | 1.8m  |
| <b>Features</b>                   |   |
| Special feature                   | No  |
| Measurement                       | No  |
| Calibration                       | No  |
| Microtouch sensor                 | No  |
| ESD safe                          | No  |
| <b>Information</b>                |   |
| Package contents                  | Microscope, software CD, user manual                                  |
| Warranty information              | 2 years European warranty   |
| Regulatory approval               | CE, FCC, ROHS   |
| Price range                       | €0 - €200,00  |

## Product Gallery

