

AM2111



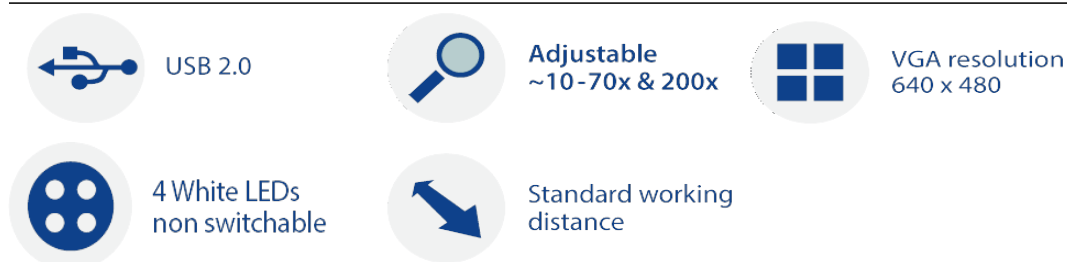
Brand:
Product Code: AM2111

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.



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 |
|------------------------------------------|------------------|------------------|------------------|------------------|
| Listed values may differ slightly | | | | Unit = mm |
| 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 | 20x ~ 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 |
| Housing | |
| Housing material | Composite/ plastic housing |
| Magnification lock | No |
| Dimensions | 10.5cm (L) x 3.2cm (D) |
| Weight | 105g |
| Cable length | 1.8m |
| Features | |
| Special feature | No |
| Measurement | No |
| Calibration | No |
| Microtouch sensor | No |
| ESD safe | No |
| Information | |
| 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

