

# AM2111



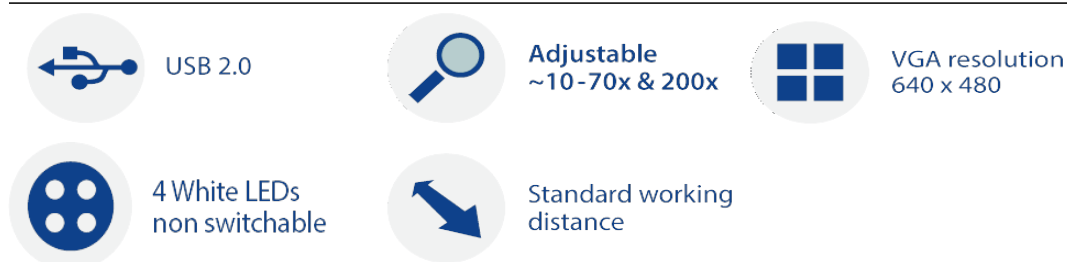
**Brand:**  
**Product Code:** AM2111

## 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.



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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	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
<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**

