Dino-Lite Europe - Phone: - Email:

AM3111

Product Code: AM3111

Short Description

640x480 Resolution 8 white LEDs 20-50, 200x magnification 60 fps

Description

The AM3111 digital microscope is an economical pick that provides smooth imaging and balanced color performance, making it suitable for a variety of applications, such as simple industrial inspections, educational use, or personal hobbies.



Overview

Smooth Imaging

The CMOS image sensor transmits smooth images at up to 60 fps with 640 x 480 resolution.

Adjustable Magnification

The adjustable magnification ranges from $20x \sim 50x$ for a broad view to over 200x for detailed close-ups, easily controlled with the focus knob.

Optical Data Table

MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE	VIEW(X)	VIEW(Y)	FIELD
Listed values				Unit = mm
may differ				
slightly				

20x	64	20	15	14
30x	34	13	10	7
40x	20	10	7	4
50x	13	8	6	3
200x	5	2	1	0.3

Specification

Specification	
Lighting	
Light/ LED type	White
Number of LEDs	8
Infrared filter	IR cut-filter >650 nm
Diffuser available	No
Emission filter	No
Polarizer	No
Optics	
Magnification	$20x \sim 50x, 200x$
Macro zoom	No
Working distance	Standard
Lens type	Glass with anti-reflection coating
Sensor	
Sensor type	CMOS
Resolution	VGA (640x480)
Maximum frame rate	60 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	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,
(Windows)	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	94g	
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	€150,00 - €250,00	

Product Gallery