AM3111

Marke:
Artikelnummer: AM3111

Short Description
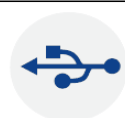
640x480 Resolution

8 white LEDs

20-50, 200x magnification

60 fps

Beschreibung

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.

USB 2.0

Adjustable ~20 - 50x & 200x

VGA resolution 640 x 480

8 White LEDs switchable

Standard working distance

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 ~ 50x for a broad view to over 200x for detailed close-ups, easily controlled with the focus knob.

Optical Data Table

MAGNIFICATION RATE	WORKING DISTANCE	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF FIELD
Listed values may differ				**Unit = mm**

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

Spezifikation

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 ~ 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 (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	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