

# AM3111

**Merk:**

**Productcode:** AM3111

## Korte omschrijving

640x480 Resolution

8 white LEDs

20-50, 200x magnification

60 fps

## Omschrijving

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
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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

**Specificatie**

Verlichting	
Licht / LED-type	White
Aantal leds	8
Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	No
Emissiefilter	No
Polarisator	No
Optiek	
Magnification	20x ~ 50x, 200x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
Sensor	
Sensortype	CMOS
Resolutie	VGA (640x480)
Maximale framesnelheid	60 fps
Compatibiliteit	
Interface	USB 2.0
Besturingssysteem	Windows 7, 8, 10 & 11, MacOS 10.9 and up
Software	DinoCapture 2.0 (Windows), DinoXcope (Mac OS)
Ondersteunde beeldformaten (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Ondersteunde videoformaten (Windows)	WMV, FLV, SWF
Ondersteunde beeldformaten (MacOS)	JPEG, PNG
Ondersteunde videoformaten (MacOS)	MOV
Beeldvormingsnormen	DirectShow, UVC
Wifi	No
Behuizing	
Materiaal van de behuizing	Composite/ plastic housing
Vergrotingsslot	No

Afmetingen	10.5cm (L) x 3.2cm (D)
Gewicht	94g
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	No
Meting	No
Kalibratie	No
Microtouch-sensor	No
ESD veilig	No
<b>Informatie</b>	
Inhoud van de verpakking	Microscope, software CD, user manual
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€150,00 - €250,00

### **Product galerij**