# AM7515MT4A



Marque: Code produit: AM7515MT4A

### **Courte description**

5 Megapixel resolution 415x ~ 470x magnification Coaxial and brightfield illumination Flexible LED Control (FLC) Automatic Magnification Reading (AMR)

#### Description

The AM7515MT4A is a 5MP Dino-Lite Edge Series microscope that has a magnification range of  $415x \sim 470x$  with built-in coaxial illumination. By using the Flexible LED Control (FLC), this model is capable of switching between or mixing, brightfield and coaxial illumination.





The coaxial illumination technique reveals details that are very difficult to see under normal light, for example when inspecting wafer plates, microchips or other microelectronics. The AM7515MT4A includes the Automatic Magnification Reading (AMR) feature which automatically detects and displays the magnification in the included Dino-Lite software. These unique features make the Dino-Lite AM7515MT4A a great inspection tool for material analysis, electronics inspection, or any similar application that requires high magnification, coaxial illumination, versatility and mobility.

The Dino-Lite AM7515MT4A is bundled with the user-friendly DinoCapture 2.0 software for Windows. For this model it includes functions such as Automatic Magnification Reading (AMR), Flexible LED Control (FLC), calibration, measurement, capturing & annotating images, and recording video. When focusing at such high magnification it is recommended to use a high-precision stand. The Dino-Lite RK-10A for example is a great add-on, it is a sturdy and stable high-end stand solution constructed of resilient stainless steel and lightweight aluminum and offers a very precise fine-focus adjustment.

## Working distance/field of view/depth of field

MAGNIFICATI	WORKING	FIELD OF	FIELD OF	DEPTH OF
ON RATE	DISTANCE*	VIEW(X)	VIEW(Y)	FIELD
Listed values	*Without front			Unit = mm
may differ	cap			
slightly				
415	6.0	0.951	0.697	0.03
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	

450	10.0	0.876	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.045

# Spécification

Lighting			
Light/ LED type	White		
Number of LEDs	8		
LED on/off switchable:	Yes		
Infrared filter	IR cut-filter >650 nm		
Diffuser available	No		
Emission filter	No		
Polarizer	No		
Optics			
Magnification	415x ~ 470x		
Macro zoom	No		
Working distance	Standard		
Lens type	Glass with anti-reflection coating		
Sensor			
Sensor type	CMOS		
Resolution	5.0 Megapixel (2592x1944)		
Maximum frame rate	30 fps (max 20 fps video recording)		
Compatibility			
Interface	USB 2.0		
Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 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 (max 1.3MP)		
Imaging standards	DirectShow, UVC		
Wifi	Wireless-ready, requires the WF-10 WiFi streamer (optional)		
Housing			
Housing material	Metal housing		
Magnification lock	Yes		
Dimensions	10.7cm (L) x 3.2cm (D)		
I			

Weight	139g	
Cable length	1.8m	
Features		
Special feature	Automatic Magnification Reading (AMR),	
	Flexible LED Control (FLC), Coaxial illumination	
Measurement	Yes	
Calibration	Yes	
Microtouch sensor	Yes	
ESD safe	Yes	
Information		
Package contents	Microscope, Carry pouch, software CD, user	
	manual, quick guide, calibration target, front cover	
	box	
Warranty information	2 years European warranty	
Regulatory approval	CE, FCC, ROHS	
Price range	€1000,00 - €1200,00	
Galerie du produit		







