Dino-Lite Europe - Phone: - Email:

AM7515MT4A



Product Code: AM7515MT4A

Short 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	

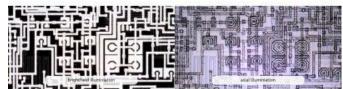
450	10.0	0.876	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.045

Specification

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 20fps video recording) Compatibility Interface USB 2.0 Operating system Windows 7, 8, 10 & 11, MacOS 10.12 and up
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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 WMV, FLV, SWF (Windows)
Supported image formats JPEG, PNG (MacOS)
Supported video formats (MacOS) MOV (max 1.3MP)
Imaging standards DirectShow, UVC
Wifi Wireless-ready, requires the WF-10 WiFi stream (optional)
Housing
Housing material Metal housing
Magnification lock Yes
Dimensions 10.7cm (L) x 3.2cm (D)

139g		
1.8m		
Automatic Magnification Reading (AMR),		
Flexible LED Control (FLC), Coaxial illumination		
Yes		
Microscope, Carry pouch, software CD, user manual, quick guide, calibration target, front cover box		
2 years European warranty		
CE, FCC, ROHS		
€1000,00 - €1200,00		

Product Gallery







Dino-Lite Built in Axial Illumination

