Dino-Lite Europe - Phone: - Email:

AM7515MT4A



Marka:

Ürün Kodu: AM7515MT4A

Short Description

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

Aç?klama

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.



USB 2.0





Adjustable ~400x-470x







Magnification lock







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	

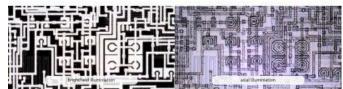
450	10.0	0.876	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.045

Özellikler

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 20fps 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 (Windows) PCX, MNG, WBMP, JP2, JPC, PGX WMV, FLV, SWF WMV, FLV, SWF Wiff Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Metal housing Modernic Metal housing	Ozellikler				
Number of LEDs 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 DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Lighting				
LED on/off switchable: Infrared filter IR cut-filter >650 nm Diffuser available No Emission filter No Optics Magnification Macro zoom No Working distance Lens type Glass with anti-reflection coating Sensor Sensor type CMOS Resolution Maximum frame rate Operating system Software USB 2.0 Operating system Software DinoCapture 2.0 (Windows), DinoXcope (MacOS) Supported image formats (Windows) Supported video formats (MacOS) Imaging standards Wife Wife Wireless-ready, requires the WF-10 WiFi streamer (optional) Metal housing Housing material Moodeline Moodeline IR cut-filter >650 nm IR cut-fi	Light/ LED type	White			
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 Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Why, FLV, SWF Windows) Supported video formats (Windows) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Number of LEDs	8			
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 Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Why, FLV, SWF Windows) Supported video formats (Windows) Supported video formats (MacOS) Imaging standards Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	LED on/off switchable:	Yes			
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 Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (Windows) Supported video formats (MacOS) Supported video formats (MoV (max 1.3MP) (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Infrared filter	IR cut-filter >650 nm			
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 Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Diffuser available	No			
Optics Magnification Macro zoom Morking distance Lens type Glass with anti-reflection coating Sensor Sensor type CMOS Resolution Maximum frame rate Compatibility Interface Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (Windows) Supported video formats (MacOS) MoV (max 1.3MP) Housing Housing Metal housing	Emission filter	No			
Magnification415x ~ 470xMacro zoomNoWorking distanceStandardLens typeGlass with anti-reflection coatingSensorSensor typeCMOSResolution5.0 Megapixel (2592x1944)Maximum frame rate30 fps (max 20fps video recording)CompatibilityInterfaceUSB 2.0Operating systemWindows 7, 8, 10 & 11, MacOS 10.12 and upSoftwareDinoCapture 2.0 (Windows), DinoXcope (Mac OS)Supported image formats (Windows)BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGXSupported video formats (Windows)WMV, FLV, SWF(Windows)JPEG, PNGSupported video formats (MacOS)MOV (max 1.3MP)Imaging standardsDirectShow, UVCWifiWireless-ready, requires the WF-10 WiFi streamer (optional)HousingHousing materialMetal housing	Polarizer	No			
Macro zoom Working distance Lens type Glass with anti-reflection coating Sensor Sensor type CMOS Resolution Maximum frame rate Compatibility Interface USB 2.0 Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing CMOS CMOS Standard MoV (max 1.3mP) CMOS Standard Sta	Optics				
Working distance Lens type Glass with anti-reflection coating Sensor Sensor type CMOS Resolution Maximum frame rate Compatibility Interface USB 2.0 Operating system Windows 7, 8, 10 & 11, MacOS 10.12 and up Software DinoCapture 2.0 (Windows), DinoXcope (MacOS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) UPEG, PNG MOV (max 1.3MP) MOV (max 1.3MP) Housing Housing Metal housing Metal housing	Magnification	$415x \sim 470x$			
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 Software DinoCapture 2.0 (Windows), DinoXcope (MacOS) Supported image formats (Windows) PCX, MNG, WBMP, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX Supported video formats (Windows) Supported image formats (WacOS) Supported video formats (MacOS) Supported video formats (MacOS) Unaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Macro zoom	No			
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 Software DinoCapture 2.0 (Windows), DinoXcope (MacOS) Supported image formats (Windows) PCX, MNG, WBMP, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX Supported video formats (Windows) Supported image formats (Windows) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Working distance	Standard			
Sensor type Resolution S.0 Megapixel (2592x1944) Maximum frame rate Ompatibility Interface USB 2.0 Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported video formats (Windows) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing Housing material Metal housing	Lens type	Glass with anti-reflection coating			
Resolution Maximum frame rate Compatibility Interface USB 2.0 Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing Housing material Metal housing	Sensor				
Maximum frame rate Compatibility Interface USB 2.0 Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing Metal housing	Sensor type	CMOS			
Compatibility Interface Operating system Windows 7, 8, 10 & 11, MacOS 10.12 and up Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) PCX, MNG, VBMP, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX WMV, FLV, SWF WMV, FLV, SWF WMV, FLV, SWF WMV (max 1.3MP) MOV (max 1.3MP) Housing Housing material Metal housing Metal housing	Resolution	5.0 Megapixel (2592x1944)			
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 (Windows) PCX, MNG, WBMP, JPG, JPC, PGX Supported video formats (Windows) Supported image formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) UNCC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Maximum frame rate	30 fps (max 20fps video recording)			
Operating system Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported image formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Compatibility				
Software DinoCapture 2.0 (Windows), DinoXcope (Mac OS) Supported image formats (Windows) Supported video formats (Windows) Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Interface	USB 2.0			
Supported image formats (Windows) Supported video formats (Windows) Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Operating system	Windows 7, 8, 10 & 11, MacOS 10.12 and up			
(Windows) Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Software				
Supported video formats (Windows) Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	Supported image formats	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA,			
(Windows) Supported image formats (MacOS) Supported video formats (MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing	(Windows)	PCX, MNG, WBMP, JP2, JPC, PGX			
(MacOS) Supported video formats (MacOS) Imaging standards Wifi DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing		WMV, FLV, SWF			
(MacOS) Imaging standards DirectShow, UVC Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing		JPEG, PNG			
Wifi Wireless-ready, requires the WF-10 WiFi streamer (optional) Housing Housing material Metal housing		MOV (max 1.3MP)			
(optional) Housing Housing material Metal housing	Imaging standards	DirectShow, UVC			
Housing Housing Metal housing	Wifi	_			
Housing material Metal housing	Housing				
		Metal housing			
IVIAGIIII CAUOII IOCK I CS	Magnification lock	Yes			
Dimensions 10.7cm (L) x 3.2cm (D)		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

