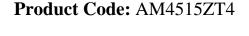
AM4515ZT4





Short Description

1.3 Megapixel resolution
Versatility due to exchangeable caps
430x ~ 470x magnification
Automatic Magnification Reading (AMR)
Polarizer (anti-reflection)

Description

With up to 470x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 5 micrometer (µm). It also features a greater working distance at high magnification making it easier to watch and move very small objects under the microscope.

The built-in, switchable polarizer makes the AM4515ZT4 the right choice for working with high glare materials such as jewelry, plastics and metals.

















These unique features make the Dino-Lite AM4515ZT4 a great inspection tool for biomedical and scientific research, material analysis, electronics inspection, or any similar application that require high magnification, versatility and mobility. The Dino-Lite AM4515ZT4 is bundled with the user-friendly DinoCapture 2.0 software. For this model it includes functions such as a polarizer, Automatic Magnification Reading (AMR), calibration, measurement, capturing & annotating images, and record video. Although the AM4515ZT4 model can be operated handheld, a high-precision stand is recommendable. 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
400	5.1	0.971	0.713	
410	6.0	0.951	0.697	
420	7.3	0.926	0.680	
430	8.0	0.905	0.664	
440	8.8	0.884	0.648	
450	10.0	0.867	0.636	
460	11.3	0.847	0.621	
470	11.8	0.828	0.608	0.04
Listed values	*Without fron	t		Unit = mm
may differ	cap			
slightly				

Specification

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	Yes, linear			
Optics				
Magnification	$430x \sim 470x$			
Macro zoom	No			
Working distance	Standard			
Lens type	Glass with anti-reflection coating			
Sensor				
Sensor type	CMOS			
Resolution	1.3 Megapixel (1280x1024)			
Maximum frame rate	30 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	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	MOV			
(MacOS)				
Imaging standards	DirectShow, UVC			
Wifi	Wireless-ready, requires the WF-10 WiFi streamer			
	(optional)			
Housing				
Housing material	Composite/ plastic housing			
Dimensions	10.3cm (L) x 3.2cm (D)			
Weight	100g			
Cable length	1.8m			
Features				
Special feature	Automatic Magnification Reading (AMR)			
Measurement	Yes			
Calibration	Yes			
Microtouch sensor	Yes			
ESD safe	No			
Information				
Package contents	Microscope, carry pouch, software CD, calibration			

	target, user manual, N3C-O- Open cap, N3C-C-Closed cap, N3C-E- Extension cap
Warranty information	2 years European warranty
Regulatory approval	CE, FCC, ROHS
Price range	€600,00 - €800,00