

# AM4515ZT4

**Merk:**

**Productcode:** AM4515ZT4



## Korte omschrijving

1.3 Megapixel resolution

Versatility due to exchangeable caps

430x ~ 470x magnification

Automatic Magnification Reading (AMR)

Polarizer (anti-reflection)

## Omschrijving

With up to 470x magnification and high-resolution optics, this high magnification Dino-Lite model reveals details as small as 5 micrometer ( $\mu\text{m}$ ). 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.



USB 2.0



Measurement  
functionality



Adjustable  
~400x-470x



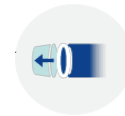
8 White LEDs switchable



Magnification lock



1.3 megapixel  
1280 x 1024



Exchangeable cap



Polarizer anti-reflection

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

MAGNIFICATION RATE	WORKING DISTANCE*	FIELD OF VIEW(X)	FIELD OF VIEW(Y)	DEPTH OF 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 may differ slightly

\*Without front cap

Unit = mm

### Specificatie

Verlichting	
Licht / LED-type	White
Aantal leds	8
LED aan / uit schakelbaar:	Yes

Infrarood filter	IR cut-filter >650 nm
Diffusor beschikbaar	No
Emissiefilter	No
Polarisator	Yes, linear
<b>Optiek</b>	
Magnification	430x ~ 470x
Macro zoom	No
Werkafstand	Standard
Type lens	Glass with anti-reflection coating
<b>Sensor</b>	
Sensortype	CMOS
Resolutie	1.3 Megapixel (1280x1024)
Maximale framesnelheid	30 fps
<b>Compatibiliteit</b>	
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	Wireless-ready, requires the WF-10 WiFi streamer (optional)
<b>Behuizing</b>	
Materiaal van de behuizing	Composite/ plastic housing
Afmetingen	10.3cm (L) x 3.2cm (D)
Gewicht	100g
Kabellengte	1.8m
<b>Kenmerken</b>	
Bijzonderheid	Automatic Magnification Reading (AMR)
Meting	Yes
Kalibratie	Yes
Microtouch-sensor	Yes
ESD veilig	No
<b>Informatie</b>	
Inhoud van de verpakking	Microscope, carry pouch, software CD, calibration

	target, user manual, N3C-O- Open cap, N3C-C- Closed cap, N3C-E- Extension cap
Garantie-informatie	2 years European warranty
Regelgevende goedkeuring	CE, FCC, ROHS
Prijsklasse	€600,00 - €800,00