



Combining diffused-polarizer and AMR (Automatic Magnification Reading) in one unit, the AM4515ZT4 delivers stunningly sharp image on 400-470x magnification without measurement efficiency compromised. The detachable cap also yields more working distance for better adaptability to higher magnification applications.

Overview



Adaptable cap design

This model features a detachable and interchangeable front cap that extends its range of use, as different caps are available for various applications. Removing the front cap provides greater working distance and access to the full magnification range.



Over 400X magnification

With magnification over 400X and high-resolution optics, this Edge series model reveals details and delivers superior image quality.



Automatic Magnification Reading (AMR)

With this feature built into the microscope, our proprietary software will automatically detect and display the magnification readings in real-time, and store the magnification within each captured image. This feature improves the accuracy and precision of these readings while also increasing overall efficiency.



Adjustable polarizer

This model includes a rotatable polarized light filter (polarizer) that is useful for suppressing glare from reflective materials, such as metals, plastics, or glass. For applications that require transmitted polarizing illumination, such as optical mineralogy, we recommend purchasing the Dino-Lite BL-ZW1 backlight pad as an added accessory.



Fine Focus Dial

This specially designed dial improves the user experience associated with making fine focus adjustments under high magnification.



MicroTouch shutter button

Take picture-perfect photos quickly and conveniently with the MicroTouch shutter button. This small, round, touch-sensitive button responds to the lightest touch to avoid blurry photos caused by excessive movement of the microscope. The MicroTouch shutter button can also be configured to control video recording, trigger barcode scanning, or switch on/off the LED lights.

Interchangeable Front Caps



N3C-C / Close Cap

This cap protects the lens and LED lights from contamination of dust, debris, or moisture.



N3C-E / Extended Open Cap

Dino-Lite Edge (stand type) will focus at approximately 200x when the cap touches surface.



N3C-O / Open Cap

This is the standard cap for normal usage.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)	DOF
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

M = magnification rate WD = working distance (without front cap) FOV = field of view DOF= depth of field Unit = mm

Specification

Model : AM4515ZT4 Dino-Lite Edge

Interface : USB 2.0

Product Resolution : 1.3M pixels (SXGA)

Magnification Rate : 400X~470X

Sensor : Color CMOS

Frame Rate : Up to 30fps

-Save Formats:

+Image:

DinoCapture2.0: BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM

DinoXcope: PNG, JPEG

+Movie:

DinoCapture2.0: WMV, FLV, SWF

DinoXcope: MOV

Microtouch : Touch sensitive trigger on the microscope for taking pictures

Polarizer : Yes

Measurement Function : Yes

Calibration Function : Yes

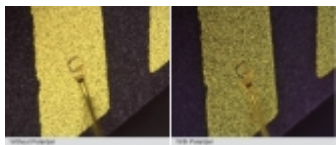
Operating System Supported : Windows 10, 8, 7, Vista, XP; Mac OS 10.9 or later

Unit Weight : 100g

Unit Dimension : 10.3 cm (H) x 3.2 cm (D)

Package Dimensions : 16cm (L) x 16cm (W) x 6cm (H)

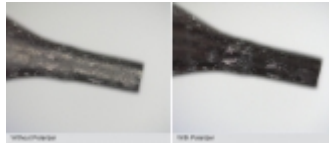
Gallery



IC bonding



Gear



Drill bit



Wafer

