



Dino-Lite
Digital Microscope

AD7013MZT-X

Microscope + AM35B stand included

POLARISED



USB 2.0 Interface

Digitize the microscopy experience; allow easy recording and sharing of observations in the office or out in the field with a compatible PC or MAC



5.0 Megapixels

Capture incredibly detailed images with up to 2592 x 1944 resolution.



Up to 200x magnification

Have the freedom to magnify from 20x to 50x the closer the Dino-Lite is to the target, using the Dino-Lite knob to focus for each magnification. Achieve an additional 200x when the Dino-Lite is at close range.



Interchangeable front caps

The AD series have a variety of interchangeable front caps that can allow you to adapt the Dino-Lite to special applications.



Robust housing

Tough aluminum alloy housing that is treated to diffuse static, rust resistant, scratch resistant.



Professional measurement tools

Use professional measurement tools that are calibratable for assured accuracy and conveniently document or share information with the bundled software.



Adjustable polarization

Useful for suppressing glare from reflective materials, such as metals, plastics, or glass.



MicroTouch

Under magnification the slightest movement can be a big change. You can use the MicroTouch, a protruding and easy to find touch sensitive trigger on the Dino-Lite that minimizes movement when used for taking pictures.



Specifications

Model	AD7013MZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	5M pixels (MJPEG codec may be required to run at 2592 x 1944 resolutions)
Magnification Rate	20x~50x, 200x
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 DinoXscope: PNG, JPEG Movie: DinoCapture2.0: WMV, FLV, SWF DinoXscope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Polarizer	Yes
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 8, 7, Vista, XP MAC OS 10.4 or later
Unit Weight	140 (g)
Unit Dimension	10.5cm (H) x 3.2cm (D)
Detachable front covers	FC-Z-OC2, FC-Z-CC3, FC-Z-OZ1

The Dino-Lite Premier AD7013MZT digital handheld microscope has a 5 Megapixels sensor with detachable interchangeable front caps and adjustable polarizer capabilities. Allowing you to observe objects in high resolution, change the front cap to fit the situation, and see things you couldn't see before with direct lighting by using the adjustable polarizer. With up to 200x magnifications depending on working distance, polarization, 2592x1944 of resolution, and interchangeable front caps; you will not miss any detail under any magnification and under any situation.

Information about working distance and field of view

M	WD	FOV (x)	FOV (y)
20	58.1	19.8	14.9
30	31.2	13.2	9.9
40	18.4	9.9	7.4
50	11.4	7.9	5.9
60	7.1	6.6	5
70	4.5	5.7	4.2
80	2.9	5	3.7
90	2	4.4	3.3
100	1.5	4	3
110	1.4	3.6	2.7
120	1.5	3.3	2.5
130	1.8	3	2.3
140	2.3	2.8	2.1
150	3	2.6	2
160	3.7	2.5	1.9
170	4.5	2.3	1.7
180	5.4	2.2	1.7
190	6.3	2.1	1.6
200	7.3	2	1.5
210	8.3	1.9	1.4
220	9.4	1.8	1.4
230	10.5	1.7	1.3



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