



Dino-Lite
Digital Microscope

AD4113ZT-A

Microscope +AMITA 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



Enhanced 1.3 Megapixels

It observes with accurate color reproductions and retain details under low lighting with the optimum resolution for detailed live preview and captured images.



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.



Scroll Lock

Assure the knobs position with the scroll lock



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.



Professional measurement tools

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



Specifications

Model	AD4113ZT Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels
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 DinoXcope: PNG, JPEG Movie: DinoCapture2.0: WMV, FLV, SWF DinoXcope: MOV
Microtouch	Touch sensitive trigger on the microscope for taking pictures
Lighting	8 white LED lights switched on/off by software
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 8, 7, Vista, XP MAC OS 10.4 or later
Unit Weight	105 (g)
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)
Detachable front covers	FC-Z-OC2, FC-Z-CC3, FC-Z-OZ1



Information about working distance and field of view

M	WD1	WD2	FOV (x)	FOV (y)
20	51.7	61.2	25.1	20.1
30	24.1	33.6	16.8	13.4
40	11.0	20.5	12.6	10.1
50	3.8	13.2	10.1	8.0
60	-0.6	8.9	8.4	6.7
70		6.2	7.2	5.7
80		4.5	6.3	5.0
90		3.6	5.6	4.5
100		3.1	5.0	4.0
110		3.0	4.6	3.7
120		3.0	4.2	3.4
130		3.5	3.9	3.1
140		4.0	3.6	2.9
150		4.6	3.4	2.7
160		5.3	3.1	2.5
170		6.2	3.0	2.4
180		7.1	2.8	2.2
190		8.0	2.6	2.1
200	-0.4	9.0	2.5	2.0
210	0.6	10.1	2.4	1.9
220	1.7	11.2	2.3	1.8
230	2.8	12.3	2.2	1.7

M = magnification rate

WD = working distance (without front cap)

FOV = field of view

DOF= depth of field Unit = mm