

## AD7013MTL-X

Microscope + AM35B stand included



### 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.



### Long working distance

Approximately 90x max magnification over 5cm providing comfortable space between objects.



### 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.



### 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.



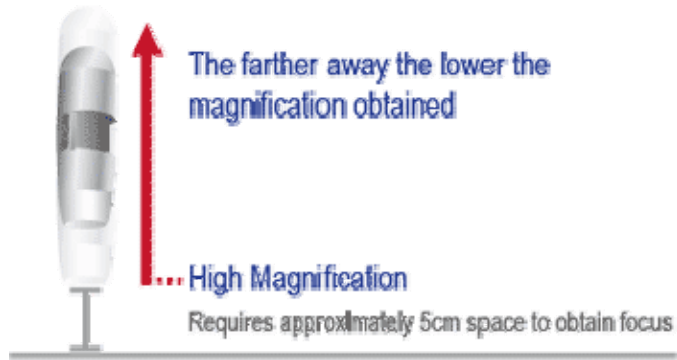
## Specifications

Model	AD7013MTL 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 ~ 90x
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	140 (g)
Detachable front covers	FC-OC1, FC-L-CC2
Unit Dimension	 10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

The *Dino-Lite Premier AD7013MTL* digital handheld microscope has a 5 Megapixels sensor allowing you to see and record every detail at max resolutions of 2592 x 1944 providing you an experience you never had with a digital handheld microscope. It includes our extended working distance optics that depending of distance, can magnify up to 90x at about 5cm from the target object providing ample space and magnification you need for those tough to reach applications.

*Information about working distance and field of view*

M	WD	FOV (x)	FOV (y)
20	160.5	19.8	14.9
30	110.4	13.2	9.9
40	86.7	9.9	7.4
50	73.6	7.9	5.9
60	65.7	6.6	5
70	60.8	5.7	4.2
80	57.8	5	3.7
90	56.1	4.4	3.3



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