

## Model : AM4013TL - Dino-Lite Premier



- Handheld or mounted working distance (WD) Digital Microscope
- 1.3M / Resolution 1280x1024
- 20X~92X Magnification range (dependant on WD)
- Up to 135X magnification with digital "zoom in"
- USB 2.0 Output
- LED on/off controlled by software
- Measurement with calibration features (not available on Mac OS)

### Product Description

Product Number	AM4013TL	Magnification	10~20X, 20X~92X
Warranty Period	1	Pixels	1.3M
Condition	New	Resolution	1280x1024
Packaging	Retail Box	Data Output	USB 2.0
Sensor	Enhanced Color CMOS	Video frame Rate	up to 30 frame-per-second
Illumination	built-in 8 white LED's	Save File format	BMP, JPG, AVI
LED On/Off Function	Yes	Calibration Function	Yes
Body length	4 inches / 10.2 cm	Body Diameter	1.26 inches / 3.2cm max.
Cable length	6 feet / 180 cm	Total package weight	280g +/- 20g

### Product Applications

The Dino-Lite Premier AM4013TL digital handheld microscope has extended working distance optics and the enhanced 1.3 megapixel sensor that improves over the limitations of the AM413TL by bringing out the best that a 1.3 megapixel sensor can do.

The enhanced 1.3 megapixel sensor provides improved low light visibility, so you can view and see more detail when there is minimal lighting available. The enhanced sensor also provides greater detail giving you very detailed images at its max resolution of 1280x1024 so you do not miss a thing. The AM4013TL extended working distance optics provides high magnification at a distance. It has variable magnification depending of working distance and can magnify up to 90x from about 5cm from your target object providing ample space and the magnification you need to comfortably work under.

Connect the Dino-Lite AM4013TL to your computer via USB and use it with the included DinoCapture 2.0 software to take pictures, record videos, and also annotate on images. With professional models such as this, there are also measurement and measurement calibration tools available for use.



M	WD	FOV (x)	FOV (y)
20	151.0	19.6	15.6
30	101.0	13.0	10.4
40	77.2	9.8	7.8
50	64.1	7.8	6.3
60	56.2	6.5	5.2
70	51.3	5.6	4.5
80	48.3	4.9	3.9
90	46.6	4.3	3.5

M = magnification rate  
 WD = working distance  
 FOV = field of view  
 Unit = mm

