

# AM4013MT-FVW Dino-Lite Premier

Switch between 400nm fluorescent LED and white LED in one package

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- **Observe with UV**  
400nm Near UV lighting to illuminate specimens.



- **Dual light source**  
This software controlled feature allows you to switch between two sets of lighting for examination.

- ZAMIN TAVANA TAJHIZ [WWW.IR-GEO.COM](http://WWW.IR-GEO.COM)

# Metal

- **Aluminum alloy housing**

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



- **Enhanced 1.3 megapixels**

Utilize an enhanced 1.3 megapixel sensor that observes with accurate color reproductions and retain details under low lighting with the optimum resolution of 1280x1024 that does not consume substantial computer resources for detailed live preview and capture images.



- **High magnification**

Various magnification up to 200x depending on working distance.



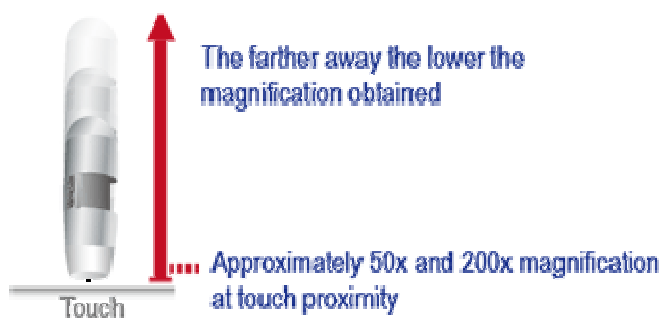
- **Professional measurement tools**

With professional measurement tools such as measuring distances, circles, and angles. There is also measurement calibration for providing assured accuracy on live or captured images.

## Specifications

Model	AM4013MT-FVW Dino-Lite Premier
Interface	USB 2.0
Product Resolution	1.3M pixels. (SXGA)
Magnification Rate	10x~50x, 200x
Sensor	Color CMOS
Frame Rate	Up to 30fps
Save Formats	<p>Image:</p> <p>DinoCapture2.0: BMP ,GIF ,PNG ,MNG ,TIF ,TGA ,PCX ,WBMP ,JP2 ,JPC ,JPG ,PGX ,RAS ,PNM</p> <p>DinoXscope: PNG ,JPEG</p> <p>Movie:</p> <p>DinoCapture2.0: WMV, FLV ,SWF</p> <p>DinXscope: MOV</p>
Microtouch	Touch sensitive trigger on the microscope for taking pictures
LED Lighting	4white and 4 UV(400nm) LED lights switched by software
Measurement Function	Yes
Calibration Function	Yes
Operating System Supported	Windows 7 ,Vista ,XP MAC OS 10.4 or later
Unit Weight	140(g)
Unit Dimension	10.5cm (H) x 3.2cm (D)
Package Dimensions	21.5cm(L) x 18cm(W) x 7cm(H)

## Information about working distance and field of view



M	WD	FOV (x)	FOV (y)
20	48.7	19.6	15.6
30	21.7	13.0	10.4
40	9.0	9.8	7.8
50	1.9	7.8	6.3
60	-2.3	6.5	5.2
220	-0.1	1.8	1.4
230	1.0	1.7	1.4
240	2.1	1.6	1.3

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