

Product data sheet

## Dino-Lite AM4113T-YFGW

The Dino-Lite AM4113T-YFGW digital microscope is optimized for research and viewing fluorescent objects by using green LEDs. It has a 570nm emission filter that is designed to observe orange to red fluorescence including most OFP (orange fluorescence protein) and RFP (red fluorescence protein). Compared to the traditional fluorescence microscope's band-pass type of emission filters, the Dino-Lite's high-pass type emission filter provides visibility and sensitivity over a larger range of the fluorescence wavelength. The AM4113T-YFGW has the capability of switching the light source from the green to white LEDs which is convenient for locating the object and obtaining an easy focus.



<b>Model</b>	AM4113T-YFGW
<b>Resolution</b>	1,3 megapixel (1280x1024 pixels)
<b>Magnification</b>	10x~70x, 200x
<b>Interface</b>	USB 2.0, High speed USB transmission
<b>Nr. of LED's</b>	8
<b>LED on/off switchable</b>	√ (by software)
<b>LED color</b>	7 Green LED with 570nm emission filter and 1 White LED, switchable by the software
<b>Housing</b>	Composite
<b>Microtouch</b>	√
<b>Magnification lock</b>	√
<b>Output</b>	Picture, video and time-lapsed video
<b>Video Frame Rate</b>	up to 30 frames-per-second, 15fps at 1.3M
<b>Measurement</b>	√ (line, radius, circle, 3-point circle, etc.)
<b>Calibration</b>	√
<b>Filter/Diffuser</b>	570 nm emission filter
<b>Compatibility</b>	Windows XP, Vista, 7, 8 and recent MAC OS
<b>Software (Included)</b>	Windows: DinoCapture, Mac: DinoXcope
<b>Other</b>	For scientific and pharmaceutical research/inspection.

[www.dino-lite.eu](http://www.dino-lite.eu)