



Model: **AM4115-YFGW** Dino- Lite Edge

SPECIFICATIONS

Model	AM4115T-YFGW Dino-Lite Edge	Microtouch	Touch sensitive trigger on the microscope for taking picture
Interface	USB 2.0	Lighting	Using 7 green LEDs for excitation lighting and has a 570nm emission filter / 1 white LED switched by software
Product Resolution	1.3M pixels (SXGA)	Measurement Function	Yes
Magnification Rate	30x - 50x, 200x	Calibration Function	Yes
Sensor	Color CMOS	Operating System Supported	Window 10, 8, 7, Vista, XP MAC OS 10.4 or later
Frame Rate	Up to 30fps	Unit Weight	100g
Save Formats	Image DinoCapture 2.0 : BMP, GIF, PNG, MNG, TIF, TGA, PCX, WBMP, JP2, JPC, JPG, PGX, RAS, PNM DinoXcope : PNG, JPEG Movie DinoCapture 2.0 : WMV, FLV, SWF DinoXcope : MOV	Unit Dimensions	10.5cm (H) x 3.2cm (D)
		Package Dimensions	16cm (L) x 16cm (W) x 6cm (H)

HIGHLIGHTS



Observe Red Fluorescence



Convenient Flexible Magnification



USB 2.0 Interface



High Sensitivity To Orange To Red Fluorescence

PRODUCT SUMMARY

The Dino-Lite EDGE AM4115T-YFGW digital microscope is a unique handheld portable microscope that is designed for observation of orange fluorescence such as OFP (orange fluorescence protein) and red fluorescence such as RFP (red fluorescence protein). It utilizes high intensity green LEDs for its excitation light source with a 570nm emission filter. This makes it applicable for research such as visualizing small blood or lymphatic vessels of an organ in microangiography analysis.

The image quality obtained with the Dino-Lite is comparable or superior to some traditional fluorescence microscope, but much less to obtain and maintain. It is equipped with a 1.3 Megapixels sensor and utilizes a rotatable magnification dial that allows magnification up to 220X depending of working distance, a scroll lock feature for assuring desired set magnification/ focus distance, and a cable strain relief (SR) that holds the Dino-Lite and its USB Cable together for resistance from pulls and twists. There is also a white light switchable by included software for aid in focus and location. The Dino-Lite EDGE AM4115T-YFGW provides a valuable price per performance tool for researchers or users interested in observing orange to red fluorescent specimens.