



iolight

Ultra-portable, compact and rechargeable digital microscopes deliver live HD images directly to a mobile device, ideal for field study and education. With top and bottom illumination and accepting standard glass microscope slides and coverslips, ioLight portable digital microscopes have a variety of applications. Control the microscope, view/capture/share images with the mobile device app or an internet browser. Available with 1mm or 2mm field of view, with and without XY positioning control.

Key Features



COMPATIBLE



COMPATIBLE

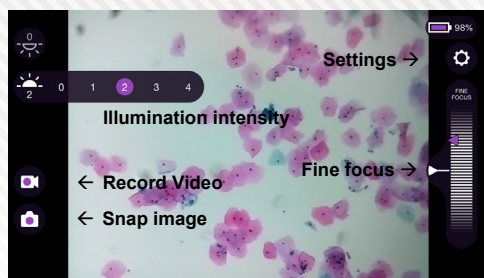


PORTABLE

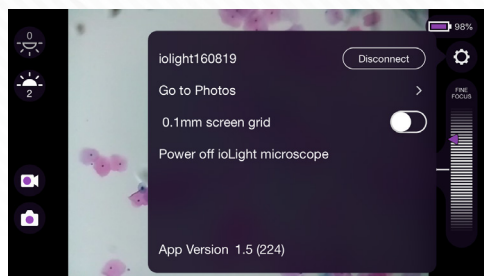


Empowering Discovery. Advancing Results.

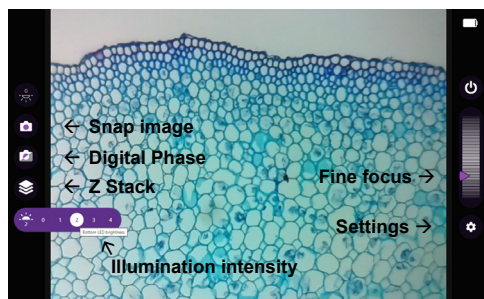
ioLight Portable Digital Microscopes



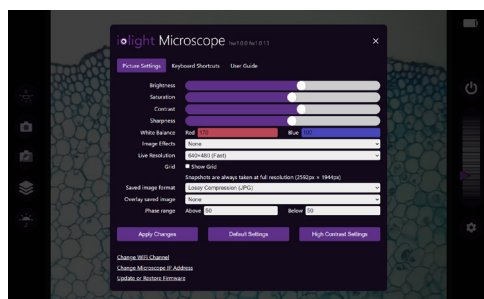
ioLight interface as shown on mobile device



ioLight setting menu as shown on mobile device



ioLight setting menu as shown in browser



ioLight advanced setting menu as shown in browser

Key Software Features

- Fine focus slider
- Select top or bottom illumination and light intensity
- Digital phase contrast (web browser mode only)
- Single touch to save image or record video
- Show or hide grid
- Advanced camera controls (web browser mode only)

SPECIFICATIONS

	IOL-100, IOL-100-XY	IOL-200, IOL-200-XY
Field of View	1mm	2mm
Resolution	1 μ m	
Magnification (max)	~400x	~150x
Working Distance	1mm	2.5mm
Illumination	LED; top and bottom, adjustable	
Stage	1mm and 2mm: Glass 1mm XY and 2mm XY: Stainless steel with guide grooves	
Display (not included)	Smart phone, tablet or computer with WiFi	
Image Sharing	Images and video are saved to photo gallery or download folder	
Image Format	5MP (2592 x 1944 pixels); JPG; color	
Video Format	MPEG-4; color; up to 1296 x 972 pixels; 10 fps	
Weight (with pouch)	400g (IOL-100, IOL-200); 600g (IOL-100-XY, IOL-200-XY)	
Dimensions	160mm x 101mm x 107mm, operating 160mm x 101mm x 32mm, folded 160mm x 101mm x 37mm, folded with XY stage	
Power	Integrated Li-ion rechargeable battery USB charger (supplied) Battery life: 5 hours (constant streaming)	
Requirements	Mobile device running iOS 8.1 or Android 4.4 or higher, or a computer with WiFi and Google Chrome, Safari or Firefox (Internet Explorer and Microsoft Edge are not recommended)	
In The Box	ioLight Portable Digital Microscope USB charger, international model Protective pouch Users' guide and certificate of conformity Two carriages for slides and counting chambers (XY models only)	



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