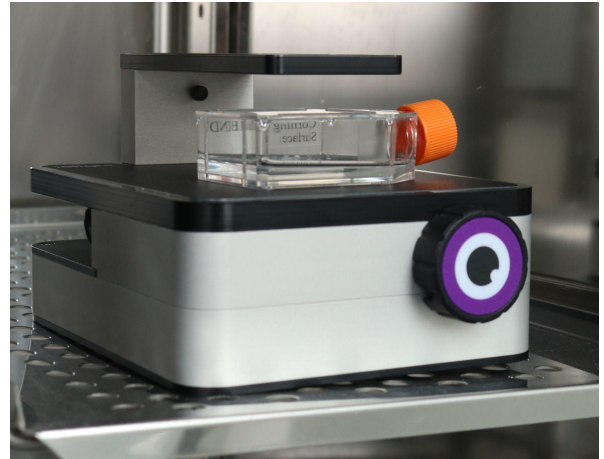


# Inverted Microscopes

- View samples from below in petri dishes, well plates and flasks or on slides
- Can be left inside a CO<sub>2</sub> incubator and sterilised
- 1 micron resolution for viewing cells
- Display images onto phone, tablet or computer without opening the door
- Instant sharing to colleagues anywhere
- Fast and simple to use
- Timelapse and remote view



Demonstration: <https://youtu.be/cY1o1jttuWU>

Model	Inverted microscope
Field of view	Approximately 1mm X 0.75mm
Resolution	1 micron
Maximum magnification	Approximately x400
Maximum focal length	6mm stage to sample
Maximum flask height	40mm
Illumination	Top and bottom, adjustable Top (trans) illumination modes: Brightfield; Low NA brightfield; High contrast brightfield; Darkfield and Digital phase contrast.
Display (not included)	Smart phone, tablet or computer with WiFi Direct connection, no internet connection or router is required
Image sharing	Images and videos are stored on the display device for easy sharing. Images can be viewed remotely in Google Photos or any image sharing software. Time-Lapse images can be recorded on Android devices.

Model	Inverted microscope
ioLight app	Free to download from the Apple® or Google Play® app store Embedded web server connects to Google Chrome and most other browsers on any WiFi computer Microscope makes a WiFi hotspot, no router or infrastructure necessary
Image format	5MP (2592 x 1944 pixels); JPEG; colour Web server provides JPEG, PNG and BMP
Video format	MPEG-4; colour; up to 1296 x 972; 10 fps, Not available on web server
Z-Stacking	Web server only: 12 images at different focus points May be stacked using Photoshop, ImageJ or other image software
Time-Lapse	Time-lapse app for Android available on request from ioLight
Weight with pouch	1.4kg
Dimensions	190 x 140 x 110mm
Power	Integrated Li-ion rechargeable battery, USB charger supplied. Power lead is sealed to prevent ingress of the atmosphere Battery life: 5 hours (constant streaming)
Requirements	A tablet or phone running iOS 8.1 or Android 4.4 or higher, or a computer with WiFi and Google Chrome, or another web browser We recommend newer, faster devices. Older low-performance devices may run the app, but are not recommended.
In the box	Your ioLight Magnificent Mobile Microscope USB charger, international model Users' guide and certificate of conformity



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.