

HD Lite HDMI/USB Camera



HD Lite rear view



HD Lite with Retina screen

The HD Lite is an economical C mount, HDMI output camera (1080P) or a 5Mega Pixel capture camera for stills and 1080P avi movie capture camera to SD card mounted on board.

- NO computer required, small footprint when mounted on microscope with Retina screen.
- Very easy to use, and capture quality pictures.
- Ideal to use for discussions groups, or evaluating specimens without looking down eyepieces.

The HD Lite can be connected via USB direct to the computer and run in Windows with **ISCapture** software.

HD Lite-RETINA This handy camera can be supplied with mounted HDMI monitor that allows you to control the camera settings and capture stills and movies. The Retina screen is 29.5cm (11.6") diagonal and has a pixel resolution of 1920 x1080.

- Digital zoom upto 10 times
- Image orientation
- Compare live to capture images
- Crosshairs red or green
- View SD card stills and movies
- Use of mouse pointer on screen for items of interest.

Technical Specifications:

Sensor/ size	MT9P001 / 1/2.5"
Pixel size	2.2um
Preview resolution	1920 x 1080
Capture Resolution	2592 x 1944
Frame Rate	1920 x 1080 @15f/sec HDMI and USB2.0
Capture	H4SD card (4GB)
Video Recording	1080P 15f/sec SD or USB PC
Exposure time	0.001- 1.5 sec
White Balance	Automatic and red blue green
Settings	Gain Gamma, saturation, contrast
Built in software	Cloud Ver 1.0
PC software	IS Capture
Compatible OS	XP, Win 7/8 32/64 bit
Optical port (Mount type)	C mount



Standard equipment supplied:

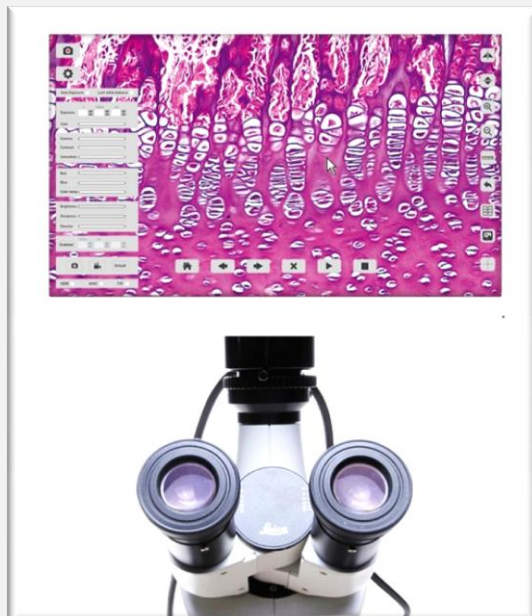
- Camera head
- 12V Power supply
- Mouse USB (note Wifi Mouse can be used)
- HDMI cable
- USB cable SD card 4GB

Optional accessories:

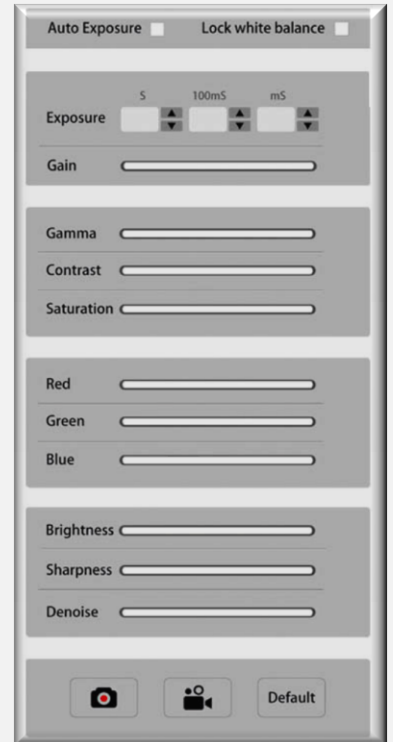
- C mounts for popular microscopes
- Eyepiece adapter lenses f or 23mm, 30mm, 30.2mm /C mount



Compare live with stored images



HD Lite with Retina screen on trinocular microscope



Camera control panel



Scientific Instrument and Optical Sales
Unit 1, 62 Bishop Street, Kelvin Grove. Qld. 4059
Phone (07) 3356 0233 Fax (07) 3356 0344
e-mail sales@sios.net.au