# HoverCam®

## *Your next Visualiser could do so much more!*

- **8 Megapixel Camera**
- **Full HD Webcam**
- **Visualiser with up to 320 X Zoom**
- **Multi-Page Scanner**
- **Full HD Video Camera**

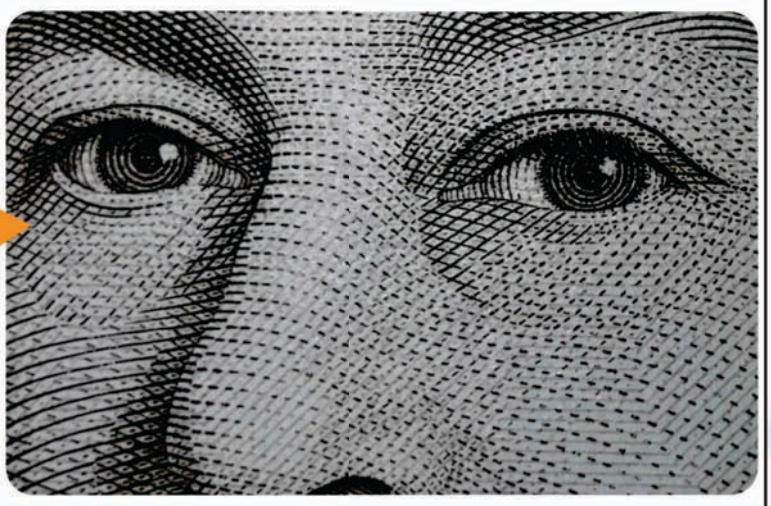
**www.thehovercam.org.uk**

## Experience Brilliant 8 Megapixel Resolution

Both HoverCam Series 8 models (Solo 8 & Ultra 8) include all the features covered over these pages; including displaying FULL HD 1080p at 30 frames per second, with no time-lag, in incredible detail. Video is uncompressed using USB 3.0, but still Full HD quality using USB 2.0. Powerful Flex software helps you manipulate both images and video.

## The Finest Details Come to Life

### Using up to 320 times Zoom Capability



The incredible ASR Zoom technology makes use of all 8 million plus pixels, showing you levels of detail not visible to the naked eye!

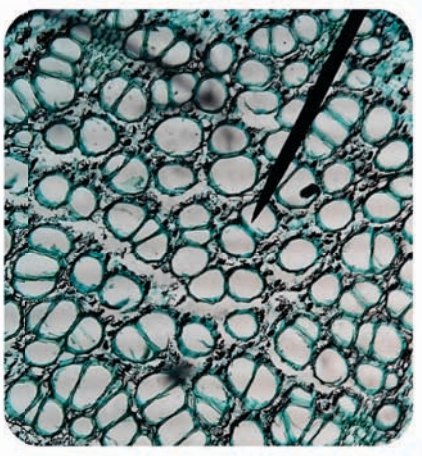
## Multi - Pivot and Zoom

Multiple pivot points enable you to position the lens in exactly the position you want. Extend the Visualiser to a viewing area larger than A3, or zoom right in, just 5cm away from a small object, for maximum clarity.

## Microscope Adapter available

HoverCam Visualisers can look down any monocular microscope using an optional adapter, then take snapshots or video footage.

This saves you having to buy a separate high quality digital microscope!



## Take Vibrant Photos or Snapshots

The high quality 8 megapixel CMOS sensor, combined with auto-focus, means you can take any pictures you want in incredible detail, from small, detailed artefacts such as a circuit board, to a group photo!

## Record Hours of Full HD Video
### *Ideal for a 'Flipped Classroom'*

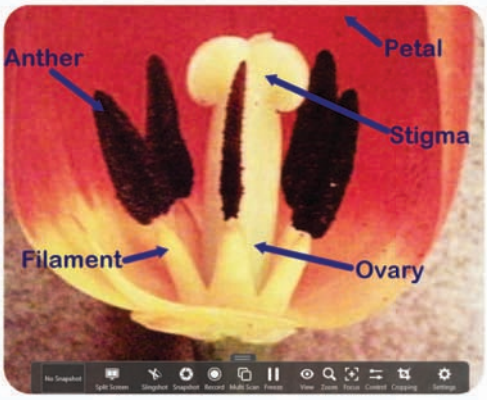
With no time-lag, and 30 frames per second capture at 1080p full HD, you can record high quality video footage - uncompressed over USB3, but still full HD with USB 2.
The HoverCam range can also be used as full HD Webcams, for collaborative work using Skype, GoToMeeting or similar.

## View or Scan anything up to A3 Size

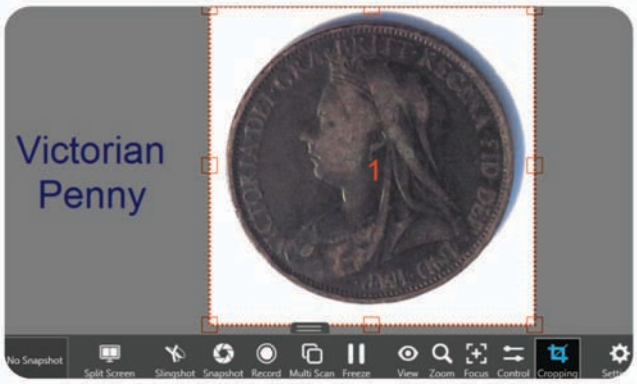
**Easily combine any number of scans and save as a multi-page PDF - ideal for digitising content or archiving pupils' work!**

## Use Time-Lapse Feature to make Videos or Animations

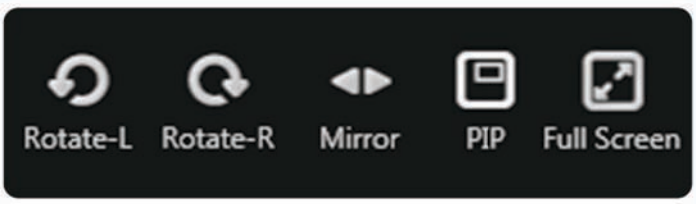
* Images compiled to video using free to download Windows Movie Maker, or similar video editing software



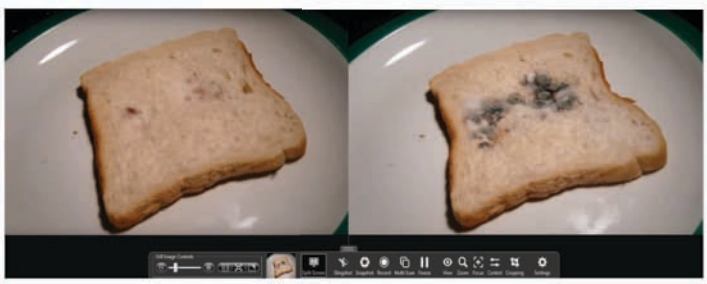

Annotate images, artefacts, or live video



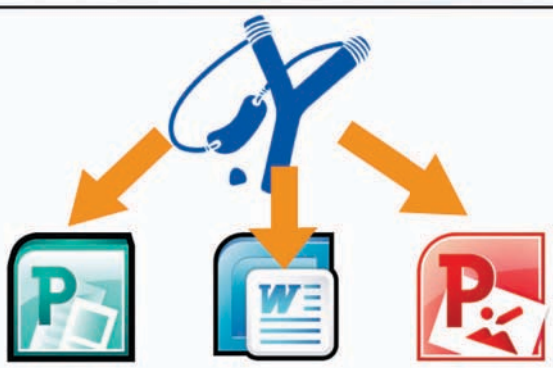

Crop: Take snapshot images of a selected part of the viewing area



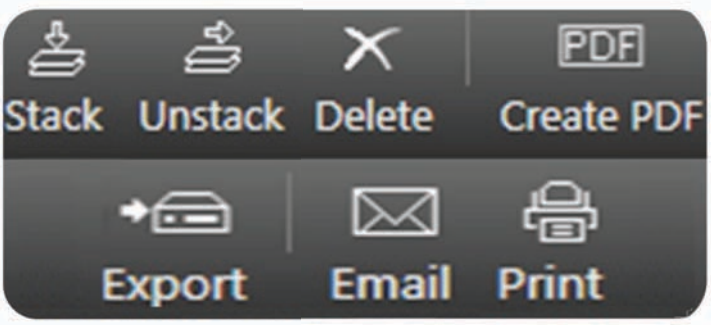

Rotate the image on screen, flip the image, display a 2nd web-cam image on top, or view in full screen mode



Split Screen: Compare the live image with a snapshot taken earlier



Slingshot: Drag the live feed easily into other applications, as images




Use the software to create multi-page PDFs, use Export, Email or Print images

splashtop®

# WIRELESS CONTROL

Increase mobility in the classroom by letting anyone control the HoverCam via a wireless tablet or iPad, using the optional Splashtop software.

Advanced SLR Style Camera Controls: Adjust the image, including Focus, Exposure and White Balance

# HoverCam Solo 8

- No lag, full HD output at 30 FPS
- Up to 320 times zoom
- Powered by a single USB cable
- Sturdy and portable
- 5 Year manufacturer warranty

## HoverCam Solo 8 Specification

| | |
|---|---|
| Capture Size | 13"x 21", A3, A4, 11"x17", and smaller |
| Image Sensor | 8.0 Megapixel high performance CMOS sensor |
| Focusing | Autofocus, Autofocus Lock, Select Region Focus, Minimum 5cm Focal Distance |
| Zoom | Total 320X (4X ASR, 8X Interpolated Digital, 10X Mechanical) |
| Video Format | YUV (USB 3.0) or MJPEG (USB 2.0) |
| Frame Rate | 8MP ASR @ 30fps \| 1080P @ 30fps |
| Picture Format | JPEG, PNG, BMP, TIFF, PDF |
| Image Resolution | 3264x2448, 3264x1836, 1600x1200, 1920x1080, 1024x768, 1280x720, 800x600 |
| Image Manipulation | Brightness, Contrast, Saturation, Focus, Exposure and White Balance |
| Operating System | Windows 7 or above, Mac OSX 10.6 or above |

| | |
|---|---|
| Power Requirements | USB 2.0 port (or better) |
| Microphone | Built-In, with noise reduction |
| Interface | USB 3.0 (works with USB 2.0) |
| Lighting | 4 Built-In, Ultra-Bright LEDs |
| Dimensions & Weight | 28 x 8 x 8 cm; 1.0 Kg |
| Warranty | 5 years by registration |
| Storage | Limited only by PC hard disk |
| Included in Box | Solo 8 Visualiser<br>Flex Software (built-in)<br>USB 3.0 Cable<br>Positioning Mat<br>Warranty Registration form |

# HoverCam Ultra 8

- LCD screen enables direct control, so you can face your audience when presenting
- Connect to PC via USB, or directly to display via HDMI or VGA
- No lag, full HD output at 30 FPS
- Up to 320 times zoom
- Extendable 3 year warranty
- Save to Micro SD card or PC
- Remote Control included

## HoverCam Ultra 8 Specification

| | |
|---|---|
| Capture Size | 13"x 21", A3, A4, 11"x17", and smaller |
| Image Sensor | 8.0 Megapixel high performance CMOS sensor |
| Focusing | Autofocus, Autofocus Lock, Select Region Focus, Minimum 5cm Focal Distance |
| Zoom | Total 320X (4X ASR, 8X Interpolated Digital, 10X Mechanical) |
| Video Format | YUV (USB 3.0) or MJPEG (USB 2.0) |
| Frame Rate | 1080P @ 30fps \| 720P @ 60 fps |
| Picture Format | JPEG, PNG, BMP, TIFF, PDF |
| Image Resolution | 3264x2448, 3264x1836, 1600x1200, 1920x1080, 1024x768, 1280x720, 800x600 |
| Image Manipulation | Brightness, Contrast, Saturation, Focus, Exposure and White Balance |
| Operating System | Windows 7 or above |

| | |
|---|---|
| Power Requirements | Mains AC Adapter (included) |
| Microphone | Built-In, with noise reduction |
| Interfaces | USB 3.0 (works with 2.0), HDMI, VGA |
| Lighting | 4 Built-In, Ultra-Bright LEDs |
| Dimensions & Weight | 29 x 20 x 12cm, 1.5 Kg |
| Warranty | 3 years by registration |
| Storage | Save to Micro SDHC or PC |
| Included in Box | Ultra 8 Visualiser<br>USB 3.0 Cable<br>Mains AC Adapter<br>Flex Software CD<br>Remote Control<br>Positioning Mat<br>Warranty Registration form |