

HoverCam®

The World's Best Document Camera. Just Got Better.
Super Charged HDMI Meets SuperSpeed USB 3.0

ULTRA
8

8.0
MegaPixel

60FPS
FullMotion HD

HDMI
VGA

USB3.0
SuperSpeed

12X Optical
Zoom Equivalent



HDMI

VGA

USB3.0



www.thehovercam.com | U.S. Patent No. 8,508,751 and others. © 2015 Pathway Innovations and Technologies, Inc. All rights reserved.

THE VISUALISER SHOP

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ULTRA 8

- HDMI to Flat Panel
- USB3.0 to PC
- VGA to Projector
- LCD Control Panel

It Does Everything Except Travel Through Time

Sensor
8.0
MegaPixel

Full Motion
60
Frames Per Sec.

The ULTRA 8 is a revolutionary document camera transforming learning in the classroom



Every detail revealed: 8.0 MegaPixel resolution



Resolution
4x
1080P HD

ASR
4k
Clarity

Experience high-quality, uncompressed video with 4k clarity with 4 x the resolution of 1080p HDTV.

An education revolution powered by a USB 3.0 cord

USB
3.0
SuperSpeed

- The world's first SuperSpeed USB 3.0 Document Camera
- Enjoy using the camera the same way you use a computer – with a mouse
- Record video or scan images straight to your PC or Mac



Delights, camera, action



Experience 4 x the clarity of a 1080p HDTV for truly captivating lag-free video. It's more Hollywood than document camera.

Record hundreds of hours of video

Record no-lag HD video directly to your computer's hard drive over USB:

- Upload easily to YouTube, TeacherTube, your website or other sharing service
- Can also record HD video to SD cards without a computer

Zoom, Baby, Zoom



Equivalent To
12x
Optical Zoom

- 3x magnification with 8 million uncompressed pixels
- 10x magnification mechanically
- 8x magnification digitally with interpolation

HARDWARE SPECIFICATIONS

Sensor	8.0 MegaPixel BSI CMOS	Dimensions Unfolded (Maximum)	(L) 21 cm, (H) 44.5 cm, (W) 12.0 cm (8.3" x 17.5" x 4.7")
Optics	1/3.2" Sensor	Lighting	4 built-in ultra-bright LED's
Lens	5 Element f2.0 High Precision Lens Assembly	Power Requirements	DC adapter 5.6 volt
Focus	Auto-Focus, Auto-Focus Lock, Select Region Focus, minimum 1.96" focal distance	Output Connector	HDMI, VGA, and USB3.0 or USB2.0
Image Resolution	3264x2448, 3264x1836, 1600x1200, 1920x1080, 1024x768, 1280x720, 800x600	System Requirements (Optional)	CPU 1.6 GHz, 2.0 GHz recommended, RAM 512MB minimum, 1 GB recommended
Zoom	Total 320x Zoom (4x ASR Zoom, 8x Interpolated Digital Zoom, 10x Mechanical Zoom)	Control Interface	RS232C
Scan Size	13x21, A3, A4, 11x17, US Letter and Legal	SD Card slot	8GB micro SD card included
Frame Rate	8MP @ 60FPS 1080 @ 60FPS	Recording Format	AVI
Video Compression	YUV (USB 3.0/HDMI/VGA) or MJPEG (USB 2.0)	Warranty	2 years
Microphone	Built-in with noise reduction	Certifications	FCC, CE, RoHS
Weight	1.0 kg (2.2 lbs.)	LCD Preview Monitor	4.3" Monitor Included
Dimensions Folded	(L) 26 cm, (H) 7.5 cm (W) 12.0 cm (10.2" x 3" x 4.7")	LCD resolution	480 x 272

Included: Ultra 8 document camera, LCD monitor, Flex 10 software (on CD), USB 3.0/2.0 cord, HDMI Cable, DC Power Adapter, Quick Start Guide
Optional Accessories: Mounting Bracket, Microscope Adapter, 15' USB 3.0 cable, 30' USB 2.0 cable, Serial Cable to DB9 connector

* Not compatible with Mac

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