



Product Highlights

- 8.0 MegaPixel resolution - ultra HD clarity in still image or live video
- Constant 30fps full motion video in 4K with ASR, uncompressed 1080P or 720P
- USB 3.0 SuperSpeed performance - streams UVC video over USB 3.0 or USB 2.0
- Amazing clarity and vibrant picture color
- Zoom from an A3 sized document to a coin
- Easily conduct live, real-time video presentations
- Record hours of stunning 30fps full motion video for flipped learning
- Scan from A3 size to business cards directly to PDF; OCR software included
- Engage in online video communication, distance learning, video conferencing
- Small footprint and aluminum alloy construction with precision craftsmanship
- Multiple pivots allow for maximum poseability and enables a 10X mechanical zoom
- Weighted camera base ensures stability when standing, pivoted or tilted
- Control the camera without a mouse or keyboard with shortcut buttons
- Archive and organize with the convenience of a full-featured archive manager

Product Specifications

Sensor: 8.0 MegaPixel high performance CMOS sensor

Optics: 1/3.2" sensor, f2.0

Focus: Autofocus, Autofocus Lock, Select Region Focus, Minimum 5cm Focal Distance

Image Resolution: 3264x2448, 3264x1836, 1600x1200, 1920x1080, 1024x768, 1280x720, 800x600

Frame Rate: 8MP^{ASR} @ 30fps | 1080P @ 30fps

Zoom: Total 320x Zoom (4X ASR Zoom, 8X Interpolated Digital Zoom, 10X Mechanical Zoom)

Scan Size: 13" x 21", A3, A4, 11" x 17", Legal, US Letter and smaller

Image Rotation: 360 degrees

Video Format: YUV (USB 3.0) or MJPEG (USB 2.0)

Microphone: Built-in with noise reduction

Lighting: 4 built-in ultra-bright LEDs

Power Requirements: USB power to computer, no external power required

Communication Interface: UVC over SuperSpeed USB 3.0 or USB 2.0, no driver required

System Requirements: CPU 1.6 GHz minimum, 2.0 GHz recommended
RAM 512MB minimum, 1GB recommended

Weight: 2.2 lbs / 1.0 kg

Dimensions (W x D x H): 3.15" x 3.15" x 11" / 8cm x 8cm x 28cm

Warranty: 2 years | Register online for 3rd year

Certifications: FCC, CE, RoHS





Main Processing Unit
Photon USB video imaging engine with HoverCam F1 main processor. Output UVC in 1080P or ASR @ 30FPS full motion.

High Resolution Sensor
8MP CMOS high performance sensor.

Auto-Focus Module
Autofocus lens module. 5 element f2.0 high precision lens assembly; captures up to A3 or 13" x 21".

Built-in LED
for direct illumination.

Built-in Angled LED

Built-in Noise Reduction Microphone

Main Pivot
enables 10x mechanical zoom.
Base Pivot

Kensington Lock Slot
to protect and defend against theft.

Software Install Port

Shortcut Buttons
allows for quick operation on the device for autofocus, autofocus lock, snapshot, zoom-in and zoom-out.

USB 3.0 Port
streams UVC video over USB 3.0 or USB 2.0. No drivers required.

Compact Sturdy Base
can support the camera in any position without falling.

Brilliant 8-Megapixel Resolution

Solo 8's advanced sensor delivers uncompressed YUV video with 4K clarity, giving you 4x as many pixels than the resolution of a 1080p HDTV. This ultimately means there is no image quality loss. Experience every image 4x crisper, sharper and clearer, than any other high priced document camera. Save in .jpeg, multi-paged .pdf, .png, .tiff and others. With Solo 8 the finest details come to life.

Stunning 30fps Full Motion Video

Solo 8 utilizes a new generation of imaging technology called Photon 1.0. This key technology gives the world, for the first time ever, a document camera that delivers 4K resolution and full motion frame rate at the same time. This is an unprecedented achievement in USB camera technology. All new generation HoverCams will be equipped with this amazing proprietary technology, allowing you to truly create captivating lag-free video.



Zoom Re-invented

Our Photon 1.0 imaging engine uses Adaptive Sensor Resolution (ASR) technology that adapts to your screen size and gives you all 8 million uncompressed pixels at a 4x magnification. This is equivalent to optical zoom, without the bulkiness and high cost.



Compact & Versatile

Our advanced electronics are paired with meticulous craftsmanship and well thought out design. Five pivot points allow the camera to be pointed in any direction, raised to shoot large areas, lowered for close-ups and folded for compactness. A swivel lens allows for 90° rotation for image orientation.



No External Power Adapter Needed

A single USB 3.0 cable is the only thing needed to power the Solo 8. This gives you the convenience of plug-and-play simplicity. The Solo 8 uses less than 5 volts, which is within the maximum power of USB 2.0 and only half the power of USB 3.0.



Scan from A3 to Business Cards

The Solo 8 can be fully extended and raised to cover an 11"x17" (A3) area. Use this functionality to scan multiple pages into one PDF file. It can also be lowered to scan smaller items like business cards.



Advanced Camera Controls

Solo 8 is the first USB document camera that offers advanced camera controls normally found in expensive digital SLR cameras. Through our FLEXVIEW software, easily utilize autofocus, select-focus, auto exposure and auto white balance functionalities.



SlingShot into Favorite Programs

Easily transfer any files created with the Solo 8 into your favorite programs. Just drag-and-drop or click the SlingShot button in FLEXVIEW to instantly drop your images or videos into Word, PowerPoint, Interactive Whiteboard Software, Evernote and more.



Half the Price of Other Brands

We deliver higher performance than our competitors at half the price because we employed smart solutions that replaced expensive optical components with electronic technology and leveraged the full intelligence of computers. The result is lower cost, high performance and better user interface.