

# HoverCam Orbit

## Gigabit Wireless USB Super Camera

hovercam

### 4K @ 60FPS Over Wireless Gigabit Link

Nearly lossless clarity and virtually lag-free casting up to 100 feet, at speeds 50x faster than the competition, with absolutely ZERO WIFI INTERFERENCE.

### Zero Network Settings. Zero Drivers. Instant Setup.

Automatic configuration from the factory for a plug-and-play, zero-effort setup experience.

### Accessible By Any App On Windows, MacOS, ChromeOS, and Android - With No Special Software Required

InvisiWire is the only technology that emulates a wired USB connection. (Shhh - don't tell your computer it's actually wireless.) This visualiser offers both HDMI and USB-C outputs through both a wired and wireless connection.

- **HoverCam Gigabit Link** - Superfast 2.5 Gbps mmWave link. Tx and Rx are factory paired, so you can just plug and play
- **HoverCam InvisiWire via DEEP Protocol** - Dedicated Extension Emulation Proxy (DEEP) technology extending USB connectivity over 100 feet wirelessly.
- **HoverCam InvisiWire USB** - Connect wireless dongle and emulate wired UVC video stream, no drivers required.
- **HoverCam InvisiWire HDMI** - Connect wireless dongle via HDMI and emulate HDMI video stream.



# Product Specification

# HoverCam

# Orbit

## Available Software

### Flex 11

For Windows devices with lesson recording, presenting, wireless streaming, live annotations, scanning, snapshots and more

### Flex Android

For Android-powered interactive flat panels with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more

### Flex Mac

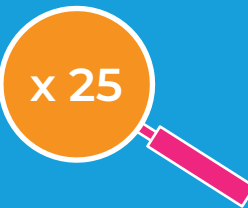
For Mac OS devices with lesson recording & presenting, wireless streaming, live annotations, scanning, snapshots & more

### HoverCam for Chrome


For Chrome devices with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more

# HoverCam Orbit







Total Zoom




Foldable Arm



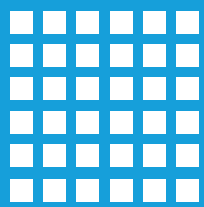
HDMI



> A3 Shooting Area



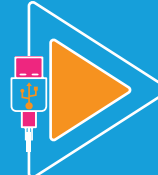
4K at 60FPS



12 Megapixels



Built-in Microphone




USB Plug & Play



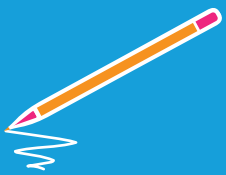
Rechargeable Li-ion Battery




Dual Band Wi-Fi



Built-In LED Light



Built-in Annotate app



USB Type-C

### What's in the box?

- Orbit Document Camera Unit
- Wireless Dongle
- USB Type-C charging adapter
- USB Type-C cable
- HDMI Cable
- USB Type-C to Type-A cable

# Product Specification

## Technology

<b>Camera Sensor</b>	13MP BSI CMOS
<b>Lens</b>	High Precision 5-element lens, $f \geq 2.0$
<b>Image Resolution</b>	4224 x 3156 (13MP)
<b>Image Format</b>	JPEG
<b>USB Video Format</b>	YUV, MJPEG
<b>USB Wireless Resolution</b>	4K @ 30fps / 1080p @ 60fps / 720p @ 120fps
<b>USB Wired Resolution</b>	4K @ 30fps / 1080p @ 60fps / 720p @ 120fps
<b>HDMI Wireless Res.</b>	4K @ 60fps / 1080p @ 120fps / 720p @ 120fps
<b>HDMI Wired Resolution</b>	4K @ 60fps / 1080p @ 120fps / 720p @ 120fps
<b>Video Recording Format</b>	MP4
<b>Video Recording Res.</b>	1080p @ 60fps / 1080p @ 30fps / 720p @ 60fps
<b>Zoom</b>	x 4 ASR Zoom, x 20 Interpolated Digital Zoom, x 10 Mechanical zoom
<b>Microscope Image Mode</b>	Supported, requires adapter
<b>Focus</b>	Auto-Focus, Focus Lock, Manual Focus
<b>Minimum Focal Dis.</b>	5cm
<b>Scan Size</b>	A3, A4, 11 x 17, US Letter, Legal
<b>Camera Viewing Area</b>	330 x 533 mm
<b>Illumination</b>	x 4 Ultra-bright LED with Toggle Switch

## Control Interface

<b>Physical Control Buttons</b>	Take Snapshot* / Enable Auto Focus / Video Recording Start/Stop/Pause* / Lock Focus / Zoom In/Out / Freeze Image / Flip Image (180°) / Sensor Rotate (90°) / Illuminate Off/Low/High
	*Only functional when recording locally. Micro SD required (not included)

# HoverCam Orbit



## In/Out Connections -

<b>Camera</b>	
<b>HDMI</b>	x 1 - Connecting to Projector/screens/other HDMI
<b>USB-C</b>	x 1 - Connecting to computers/screens
<b>USB-C</b>	x 1 - For charging battery
<b>External Storage</b>	Micro SD Slot (Micro SD Card not included)
<b>Microphone</b>	Built-in

## In/Out Connections -

<b>Wireless Receiver</b>	
<b>HDMI</b>	x 1
<b>USB-C</b>	x 1

## Battery

<b>Battery Capacity</b>	9800 mAH
<b>Usage</b>	6+ hours

## Compatibility

**Operating System** Windows 10 and above, Mac Monterey i5 +, Android,

Google Chrome, Linux

## Applications

Any application such as Zoom, Microsoft Teams, Google Meet, Promethean ActivInspire, SMART Notebook etc

## Hardware

<b>Camera Dimensions</b>	Operational: L280 x W102 x H406 mm Folder: L280 x W102 x H89 mm
<b>Receiver Dimensions</b>	L77 x W77 x H30.5 mm
<b>Camera Weight</b>	0.86kg
<b>Receiver Weight</b>	0.22kg