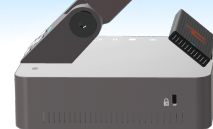GigLink Orbit
2.5 Gbps

hovercam

ORBIT

IT-Friendly Wireless USB Super Camera

WiFi
20 Mbps

Wireless Receiver
Connects Via USB Or HDMI

Wireless Camera
Paired To Wireless Reciever

4K or 2K @60FPS Over Wireless GigLink
Nearly lossless clarity and virtually lag-free casting up to 100 feet, at speeds 50x faster than the competition. 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.)

USB / HDMI Dongle Included	**13 Megapixel Sensor**
4K @30FPS* Wireless USB	**Integrated Microphone**
4K @60FPS* Wireless HDMI	**Optional Award-Winning Software Included**
Wired USB & HDMI	**Onboard Snapshot & Recording Tools**
Built-In Battery	**Wirelessly Compatible With Zoom, Microsoft Teams, Google Meet and Others**

CAMERA

Part Number	HCO
Sensor	13 MP BSI CMOS
Lens	High Precision 5-element lens, f ≥ 2.0
Image Resolution	4224 x 3156 (13 MP)
Image Format	JPEG
USB Video Format	YUV, MJPEG
USB Wireless Video Resolution	4K@30FPS, 1080p@60FPS, 720p@120FPS
USB Wired Video Resolution	4K@30FPS, 1080p@60FPS, 720p@120FPS
HDMI Wireless Resolution	4K@60FPS, 1080p@60FPS, 720p@120FPS
HDMI Wired Resolution	4K@60FPS, 1080p@60FPS, 720p@120FPS
Video Recording Format	MP4
Video Recording Resolution	1080p@60FPS, 1080p@30FPS, 720p@60FPS
Zoom	4x ASR Zoom 20x Interpolated Digital Zoom, 10x Mechanical Zoom
Microscope Image Mode	Supported, requires adapter
Focus	Auto-focus, Focus Lock, Manual Focus
Minimum Focal Distance	5 cm
Scan Size	A3, A4, 11 x 17, US Letter, Legal
Camera Viewing Area	13" x 21"
Illumination	4x Ultra-Bright LED with Toggle Switch

CONTROL INTERFACE

InvisiWire Wireless mode/USB mode, Snapshot, Record Start/Pause/Stop, Auto-focus, Focus Lock, Zoom In/Out, Freeze, Digital Flip Image (180°), Screenshot, Physical Sensor Rotation (90°) Illumination Off/Low/High

1x HDMI	For direct connection to projector, TV, or interactive flat panel display
1x USB-C	For direct connection to PC, Mac, Chromebook, Android Interactive Panel
1x USB-C	For charging battery
External Storage	Micro SD slot
Microphone	Built-in

INTERNAL CPU

Internal CPU Specs	64-bit Arm v-8 compliant applications dual core processor (2.2 GHz high performance, 1.8 GHz low-power) with machine learning, and AI neural network processing
RAM	8GB DDR4
eMMC	16GB

BATTERY

Battery	9800 mAH
Discharge Time (Wireless)	6+ hours

HARDWARE

Folded/Extended (L x W x H)	11 in. x 4 in. x 3.5 in. Folded, 11 in. x 4 in. x 16 in. Standard Height
Weight	30.5 oz (1.9 lbs.)
Operating Temperature	-30°~110°F, -25°~72°C
Certifications	FCC, CE, RoHS

WIRELESS DISPLAY

HoverCam GigLink	2.5 Gbps mmWave gigabit P2P link. Receiving (Rx) dongle included. Tx and Rx are factory-paired, configuration-free, and plug-and-play.
HoverCam InvisiWire Protocol	Dedicated Extension Emulation Proxy (DEEP) technology that extends USB connection from 4-6 feet to over 100 feet wirelessly via mmWave gigabit P2P link. Emulated protocols include UVC, UAC, HID, HDMI, and USB Touch, enabling the host computer to see the connection as if it were wired. allowing for compatibility across all operating systems and applications.
HoverCam InvisiWire USB	Connect wireless dongle to computer via USB and emulate wired UVC video stream. No drivers required.
HoverCam InvisWire HDMI	Connect wireless dongle to display via HDMI and emulate wired HDMI video stream.
MiraCast	4K@30FPS, 1080p@30FPS, 720p@60FPS (point-to-point closed network, adapter not included)

INCLUDED SOFTWARE

Flex 11	Document camera software for Windows devices with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more
Flex Android	Document camera software for Android-powered interactive flat panels with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more
Flex Mac	Document camera software for Mac OS devices with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more
HoverCam for Chrome	Document camera software for Chrome devices with lesson recording and presenting, wireless streaming, live annotations, scanning, snapshots and more

COMPATIBILITY

Operating System	Windows 10 and above, Mac Monterey i5 +, Android, Google Chrome, Linux
Applications	Any camera view application such as Zoom, Microsoft Teams, Google Meet, Promethean ActiveInspire, Smart Notebook, etc.

WHAT'S IN THE BOX

Orbit document camera, wireless dongle, USB type-C charging adapter, USB type-C cable, HDMI cable, USB Type-C to Type-A cable

WARRANTY

5 year parts and labor warranty against manufacturers defects. Does not cover wear from general use or battery.

sales@hovercam.com l 858.750.3499

PRELIMINARY - SUBJECT TO CHANGE.

by Pathway/®
THE MAKERS OF eGLASS & HOVERCAM