Gigabit Orbit
2.5 Gbps

hovercam®

ORBIT

Gigabit Wireless USB Super Camera

WiFi
20 Mbps





Wireless Receiver
Connects Via USB Or HDMI



Wireless Camera
Paired To Wireless Reciever

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. 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
- USB 4K @30FPS Wireless USB
- HDMI 4K @60FPS Wireless HDMI
- Wired USB & HDMI
- 6-8 Hour Battery Life
- 13 Megapixel Sensor
- Integrated Microphone
- Onboard Snapshot & Recording Tools
- Optional Award-Winning Software Included
- Natively Supports Zoom, Microsoft Teams, Google Meet and Others

www.hovercam.com/orbit | sales@hovercam.com | 858.750.3499

hovercam® ORBIT TECHNICAL SPECIFICATIONS

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@120FPS, 720p@120FPS
HDMI Wired Resolution	4K@60FPS, 1080p@120FPS, 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

Take Snapshot, Video Recording Start/Pause/Stop, Enable Auto-Focus, Lock Focus, Zoom In/Out, Freeze Image, Flip Image (180°), Sensor Rotate (90°), Illumination Off/Low/High

I/O Connections - Camera

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

I/O Connections - Wireless Reciever

1x HDMI	For wireless connection to projector, TV, or interactive flat panel display
1x USB-C	For wireless connection to PC, Mac, Chromebook, Android Interactive Panel, or power when using HDMI mode

BATTERY

Battery	9800 mAH
Usage	6+ hours

WIRELESS DISPLAY

HoverCam Gigabit Link	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 via DEEP 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 operations 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. Performance dependent on adapter.)

INCLUDED SOFTWARE (Recommended But Optional)

Flex 11 for PC **Flex Mac** **Flex Android** **HoverCam for Chrome**	Document camera viewer software with lesson recording, wireless streaming, live annotations, scanning, snapshots and more

COMPATIBILITY

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

HARDWARE

Camera Dimensions (LxWxH)	11 in. x 4 in. x 3.5 in. Folded, 11 in. x 4 in. x 16 in. Extended
Reciever Dimensions (LxWxH)	2.8 in. x 2.8 in. x 1.2 in.
Weight	Camera: 30.5 oz | 1.9 lbs. Receiver: 8 oz | .5 lbs
Operating Temperature	-30° ~ 100°F (-25° ~ 72°C)
Certifications	FCC, CE, RoHS

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 battery depreciation or wear from general use.

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ALL SPECIFICATIONS ARE PRELIMINARY SUBJECT TO CHANGE

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