

Hovercam® Orbit™

*The I.T.-Friendly Wireless
Super Camera*



Eliminate The Top 5 Wireless Pain Points:



WiFi Interference



Must Work with
Every OS and App



Deployment &
Configuration



Performance



Security

Face it, the future classroom is going to be wireless. Teachers must be mobile. Learning must be more immersive. To face the future, document cameras must be wireless.

The new HoverCam Orbit incorporates advanced wireless technology, never before seen in the classroom.



PRELIMINARY - SUBJECT TO CHANGE

Interference-Free GigLink

Above the earth at 750,000 feet, satellites orbit at a bewildering speed of 17,000+ miles per hour across the vast tranquility of outer space. Contrast this to the passenger airplanes below flying at 600 miles per hour, carefully navigating through crowded airspace at 31,000 ft.

That's the difference between Orbit's gigabit wireless vs. regular WiFi-based wireless cameras. This comparison is the inspiration for Orbit's name, whose technology soars as high as outer-space, virtually untouchable.



the frequency
band of 5Ghz WiFi

We employ a unique and exclusive mmWave technology called **GigLink**, at 12x the 5Ghz WiFi frequency band. This means Orbit uses an ultra-high frequency gigabit wireless link that does not encroach on any schools' precious and often crowded WiFi spectrum.

Orbit is truly a **zero-interference, zero-impact**, friend of IT administrators that requires **zero network modification**.

Surpass Wired Performance Wirelessly

Wired Ethernet maxes out at 1Gbps. Wired USB 3.1 data throughput is only 2.5Gbps, about half its raw maximum of 5Gbps.

Orbit delivers nearly 2.5Gbps at its maximum. Wirelessly!



faster than our
closest competitor

Orbit streams video to a host computer at 50x the speed of the closest competitor's offering in the market. We crush it.

Geek Out On The Specs

Insanely awesome and unheard-of, even for wired document cameras:

Wireless to Computer (USB UVC):

4K @30FPS

1080p @30FPS
uncompressed

Wireless to HDMI Display:

4K @60FPS

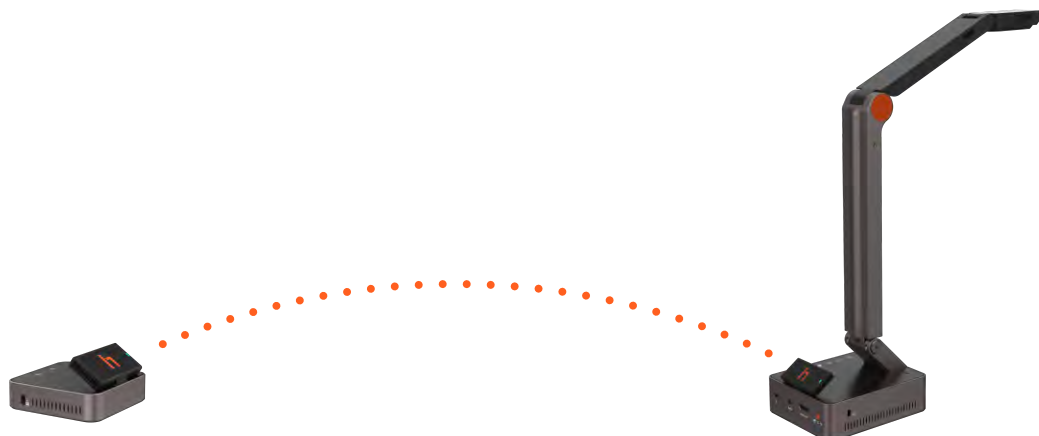
1080p @60FPS

Wireless USB for Ease of Use and Deployment

Orbit is powered by HoverCam's **InvisiWire** wireless USB extension technology, composed of an intelligent transmitting (Tx) side RF module integrated with the camera, and a smart receiving (Rx) side RF dongle that connects to a USB or HDMI port.

It is the world's first, proprietary, patent pending technology to extend USB Video and Audio Class streaming wirelessly with almost magical simplicity. Plug the Rx dongle into a USB or a HDMI port, the host device detects the camera as if it is a physically connected webcam.

This means Orbit can wirelessly connect to any computer, PC, Mac, Chromebook, Android; it works instantly off the bat. There are no drivers to install, no special app to download, true universal plug-n-play.



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Thanks to InvisiWire:

- Interactive whiteboard apps such as SmartNotebook, Promethean's ActiveInspire, Newline, Viewsonic, etc. can access Orbit as a plugged-in webcam.
- Distance learning tools, such as Zoom, Teams, Google Meet, etc., can access Orbit as just another camera. Not a single line of code to change. All apps just work with it.



No other camera can achieve such ease of use and wide compatibility with any operating system and every application.

Deployment of Orbit is as simple as dropping off the boxes in each classroom. No configuration or network changes required. IT staff need not lift a finger. Teachers simply plug Orbit's dongle into their computer or interactive flat panel, and it will automatically connect within 30 seconds, detected as a USB camera in their favorite applications.

Its built-in battery will keep Orbit powered all day long.

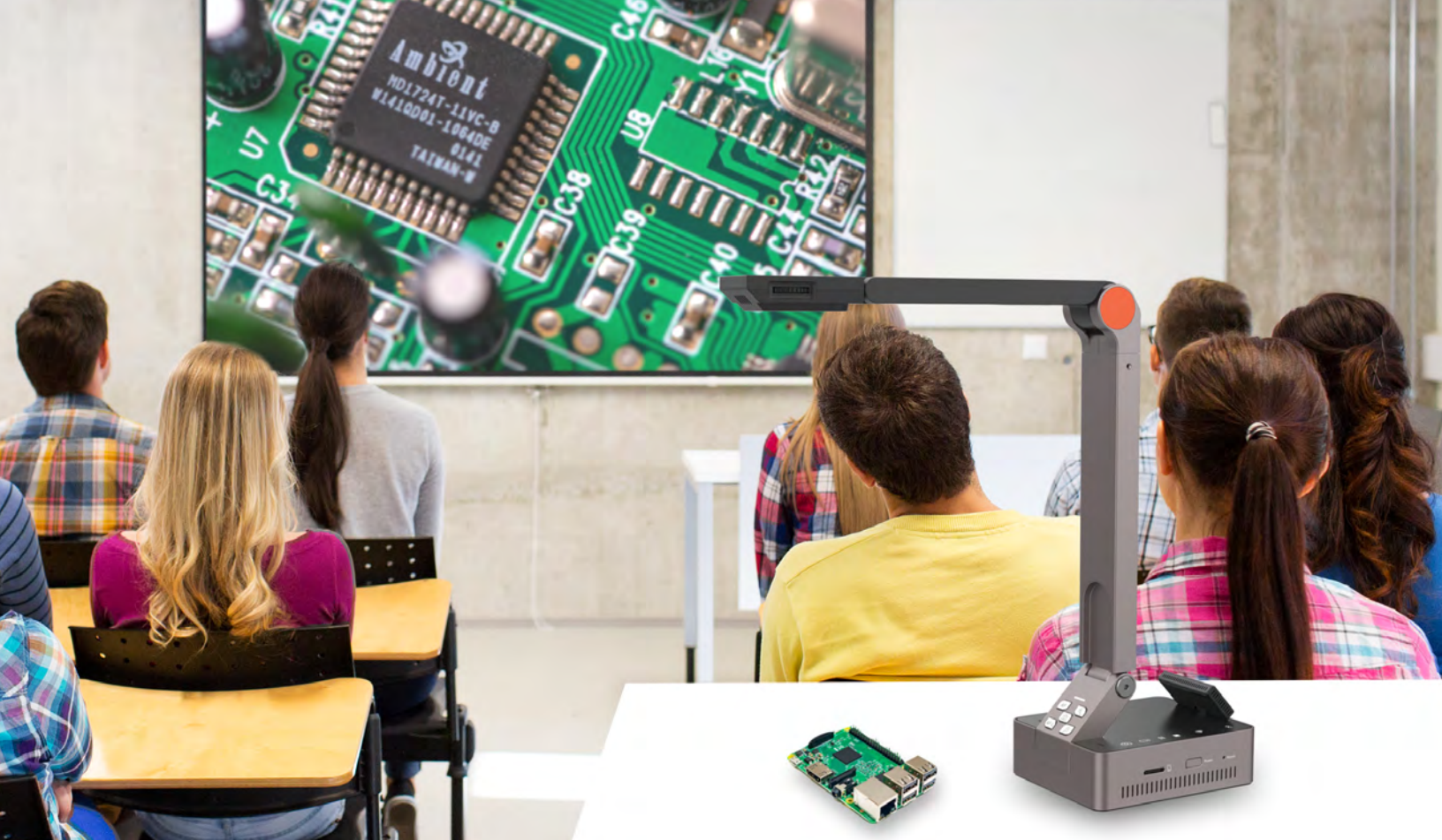


Super Secure

Truly a one-of-a-kind wireless link, GigaLink is in an exclusive mmWave space where hackers' computers can't even "see" it. They can't hack it.

The ultra-high frequency nature of mmWave requires line of sight which means your video signal will be contained within classroom walls. Anyone outside of the classroom will be blocked from accessing the camera, giving you a naturally secure space.

The need for encryption is now a worry of the past.



Out Of This World Clarity

HoverCam Orbit was built around the HoverCam Solo 8Plus's industry-leading optics, making use of its massive 13MP sensor to provide a crystal-clear image with brilliantly accurate colors.

See details like never before thanks to Orbit's lossless ASR zoom technology.

Experience virtually lag free, near zero latency, ultra-high speed and high resolution video like never before. You have to see its stunning, wireless 4K clarity to believe it.

HoverCam Orbit has everything in a document camera you could ever want; nothing you don't. This is a tool to untether your teachers - they can pick up and use HoverCam Orbit anywhere in the room, without wires or cords.

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