



## HDMI

4K @30fps



## USB

1080p @30fps



## Perfect for In Person and Distance Learning



Lightning fast 4K HDMI output to any interactive flat panel, interactive whiteboard, projector, TV or monitor.



Schedule, start or run Zoom meetings right from our software, and show your face with Picture-in-Picture. (Over USB Only)



12 megapixel camera sensor for stunning 4K image clarity over HDMI and USB.



Includes useful software features like lesson recording, annotation over the live camera image, and more. (Over USB Only)



12 MP Camera Sensor



Capture 4056 x 3040p Snapshots



4K Local Video Recording



Built-In Microphone



25x Zoom (5x Digital/Mechanical)



Compatible with PC, Mac & Chromebook



MicroSD Card Slot for Local Recording



Built-in Button Controls



3 Pivot Design to Capture Any Angle



5 Year Warranty in the USA

# Technical Specifications

## CAMERA

Part Number	HCD
Camera Sensor	12 MP BSI CMOS
Lens	High Precision 6-element lens, $f \geq 1.79$
Image Resolution	4056 x 3040 (12MP)
Image Format	JPEG, PNG
Video Resolution (HDMI)	4K @30fps, 1080 @60fps, 720p @30fps
Video Resolution (USB)	1080 @30fps, 720p @30fps
Recording/Video Format	MP4
Focus	Auto-Focus, Auto-Focus Lock, Select Region Focus
Zoom	25x Total (5x Digital, 5x Mechanical)
Scan Size	11" x 17", A3, A4, US Letter and Legal
System Requirements (For USB)	CPU 1.6 GHz , USB: CPU 1.6 GHz (2.0 GHz recommended), RAM 512 MB minimum (1 GB recommended)

## CONTROLS

Physical Button Controls	Power On/Off, Snapshot, Record, Auto-focus, Focus Lock, ZoomIn/Out, Freeze, Rotate, Screenshot
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## INTERFACE/CONNECTIVITY

USB	Type C USB 3.0 Port
HDMI	HDMI Type-A
Power	DC 5V-In (Adapter Included)
MicroSD	MicroSD Slot for Local Media (MicroSD Card Not Included)

## HARDWARE

Illumination	4x Ultra-Bright LED with Toggle Switch
Microphone	Built-In, with Noise Reduction
Dimensions (Folded/Extended, L x W x H)	3" x 4.7" x 10.2" Folded (3" x 4.7" x 20" Extended)
Weight	4 lbs.
Operating Temperature	-30°F to 100°F
Certifications	FCC, CE, RoHS

## SOFTWARE (USB ONLY)

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 OS, Android, Google Chrome, Linux
Applications	Any camera view application such as Zoom, Microsoft Teams, Google Meet, Promethean ActivInspire, Smart Notebook, etc.

## WHAT'S IN THE BOX

Duo Document Camera, Quick Start Card, USB 3.0 Type C cable, HDMI Cable, Warranty Registration Card

## WARRANTY

5 year warranty (USA)

sales@hovercam.com | 858.750.3499

www.hovercam.com/duo