

# Technical Specifications

## MAIN SPECIFICATIONS

Model Numbers	HCEG-35, HCEG-50
What's in the Box	Main eGlass Frame, Laptop Stand, Adjustable Support Legs (2x), Camera Arm Assembly, Polarizing Filter, Filter Adapter, AC Power Cable, AC Power Adapter, USB Cable, Assembly Thumb Screws (16x), Neon Glassboard Pens (Unactivated) (4x), Cleaning Rag, Anti-reflection Hood (Unassembled in Carrying Bag), Adhesive Mounting Plates, Quick Start Guide
Physical Controls	Instructor lights (+/-), Glass lights (+/-), Record Video, Pause Recording, Stop Recording, Capture Snapshot, Exposure (+/-), Bottom Instructor Light Panel On/Off, Power On/Off
Writing Surface Size(s)	35" diagonal (30.50" L x 17.50" H) • 50" diagonal (43.59" L x 24.52" H)
Writing Glass	High strength 6mm scratch resistant tempered glass
Illumination	Adjustable External LED Instructor Illumination, Adjustable Internal LED Glass Illumination with ChromaClear technology
Instructor Lights Brightness	eGlass 35" = Min: 6,000 lumens, Max: 12,000 lumens • eGlass 50" = Min: 9,000 lumens, Max: 15,000 lumens
Microphone	94 dB-SPL@1k Hz Built-in Microphone, with Noise Reduction

## SYSTEM & SOFTWARE

Interface	USB 3.0 Type A, eGlass 35" DC-In 24V 3.5A (Max) • eGlass 50" DC-In 24V 4.5A (Max)
Power Adapter	Input: 100-240V AC 50-60Hz 2A, Output: 24V/5A
Compatible OS	Microsoft Windows 10, Mac OS Catalina and above, Chromebook OS 80+*
System Requirements	CPU 1.6 GHz , 2.0 GHz recommended, RAM 1 GB minimum, 2 GB or more recommended
Software	Downloadable from <a href="http://www.eglass.io/support">www.eglass.io/support</a> or <a href="http://www.hovercam.com/eglass/help">www.hovercam.com/eglass/help</a>
eGlassFusion PC	Live video streaming, Image Capture, Video Recording, Rich Media Insertion, Built-In Browser, and other lesson delivery tools
eGlassFusion Mac	Live video streaming, Image Capture, Video Recording, Rich Media Insertion, Built-In Browser, and other lesson delivery tools
HoverCam for Chrome*	Live video streaming, Image Capture, Video Recording

## DOCUMENT CAMERA SPECIFICATIONS

Camera Sensor	8 MP BSI CMOS 1/3.2"
Polarizing Filter	Optional Filter and Adapter Included
Image Resolution	3280 x 2464
Live Video Resolution and Frame Rate	1920 x 1080 @30fps* • 1280 x720 @30fps *Some low end computers may not be able to handle high video performance.
Recording Resolution and Frame Rate	1920 x 1080 @30fps* • 1280 x720 @30fps *Some low end computers may not be able to handle high video performance.
Video Recording Format	Windows: MP4, WMV • Mac: MP4 • Chrome: WEBM
Image Format	Windows: JPEG, PNG, BMP, TIF, GIF, PDF • Mac: PNG • Chrome: JPG
Focus	Manual Focus (Factory Calibrated)
Zoom	4X Digital Zoom
Field of View	F/NO=2.6, FOV =88.16°

## PHYSICAL SPECIFICATIONS

Dimensions L x W (With Legs Installed)	eGlass 35" = 39.39" L x 11.02" W • eGlass 50" = 52.47" L x 11.02" W
Adjustable Height Settings	eGlass 35" = (Low) 22.008" - (Med) 23.976" - (High) 25.945" • eGlass 50" = (Low) 29.37" - (Med) 31.339" - (High) 33.307"
Camera Arm Length (eGlass Depth)	eGlass 35" = 19.33" L x 12.09" H • eGlass 50" = 27.11" L x 15.77" H
Weight	eGlass 35" - Net Weight (NW) = 22.04 lbs. • eGlass 50" - Net Weight (NW) = 44.09 lbs.
Shipping Weight	eGlass 35" = 31 lbs. • eGlass 50" = 51 lbs.
Shipping Size	eGlass 35" = 36" L x 7" W x 23" H • eGlass 50" = 50" L x 7" W x 30" H
Operating Temperature	-20°C - 65°C
Certifications	CE, FCC, ROHS

## WARRANTY

Warranty	5 year parts and labor included.
----------	----------------------------------

\*While eGlass is compatible with Chromebooks as a USB webcam, using the eGlass software with Chromebooks is not recommended due to restricted security permissions.

Learn more at [www.eGlass.io](http://www.eGlass.io)