The New Whiteboard
For The New Classroom

eGlass is an illuminated glass whiteboard with a built-in camera that captures your face and writing in the same frame.

eGlass®

Boost Student Engagement

Students see your face as you write, enabling you to give critical non-verbal cues with gestures and expressions, while building one-to-one connections. The vivid glow of the ink draws the attention of students, immersing them in the lesson.

Create Digital Equity

Every student gets an equitable learning opportunity, seeing the teacher's face and glowing writing whether they're in the front row, back of the class, or learning remotely.
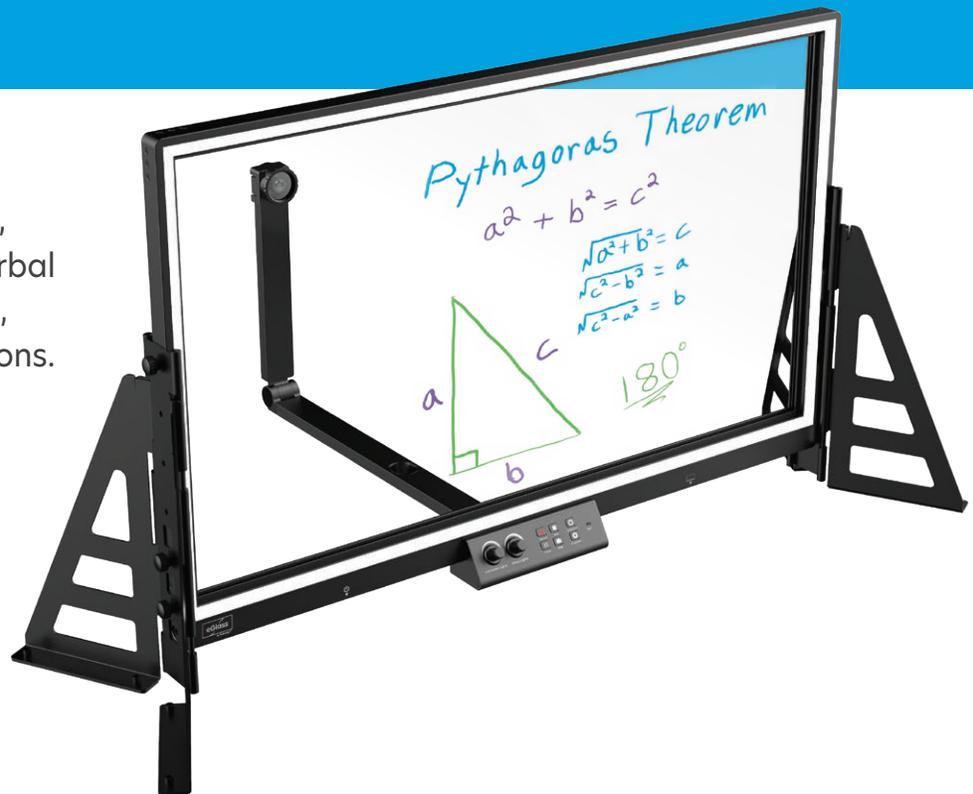
www.eGlass.io

How It Works

The *built-in camera* captures your face and writing in the same frame, and *flips the image* so text reads correctly.
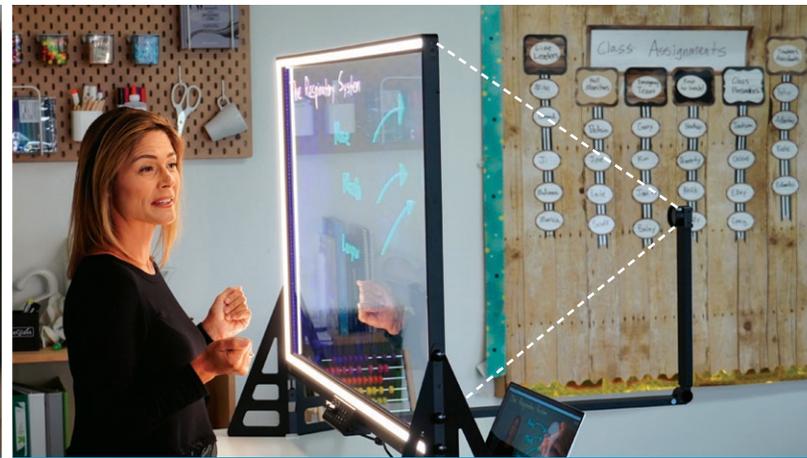
Write on the glass *normally*, facing your students. ChromaClear technology injects light into the glass, giving the ink a *vivid glow*.

eGlass® FUSION SOFTWARE

- **MediaPlay** pulls any media, any lesson plan, or application onscreen for you to interact with.

- **Chameleon** automatically removes the background from your content.

- **Record** lessons, take **SnapShots**, and more!


Perfect For The Hybrid Classroom

Connect eGlass to your PC, Mac, or Chromebook* with the included USB cable, and run the *eGlassFusion software*.
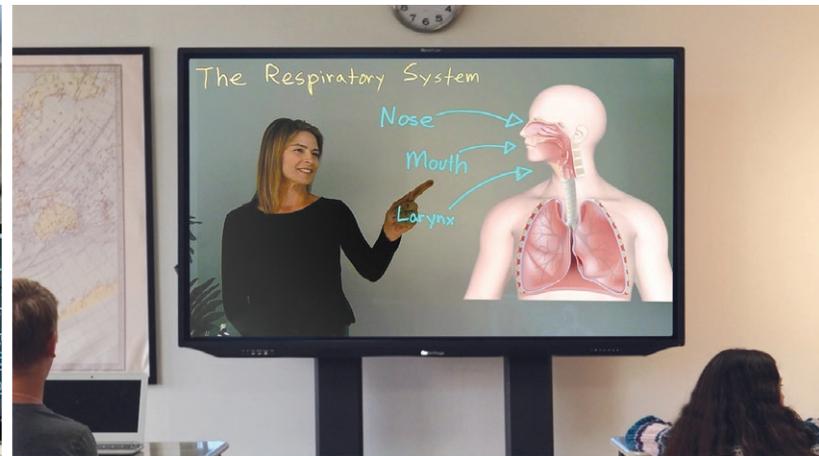
Project onto your *classroom display* by connecting your laptop. Your writing is larger than life and every student has a *front row seat*.

The Right Size For You

35"

50"
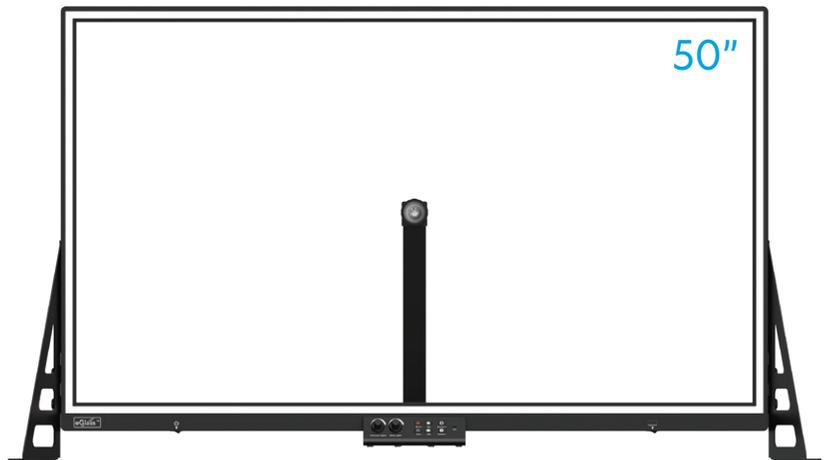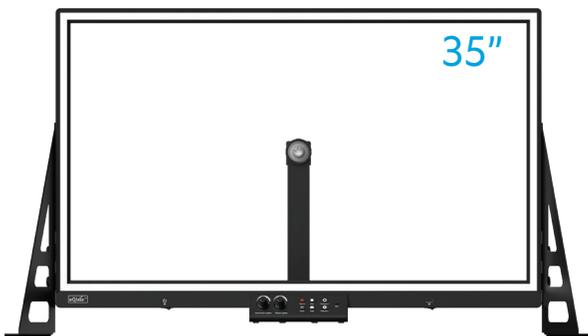
Frequently Asked Questions

Do I have to write backwards? No, the built-in camera flips the image so text reads left-to-right.

Is eGlass a display? No, eGlass is a lightboard with a built-in camera. You connect eGlass to your computer, and your computer outputs the image onto your classroom display.

How strong is eGlass? Ridiculously rugged, and it is covered by a 5-year warranty.

What kind of markers do I use? Use regular dry erase markers or neon glassboard markers.

How big is eGlass? 35" and 50" diagonal options are available.

Does it work with Zoom, Microsoft Teams, Google Meet, etc? Yep. Simply select eGlass as your camera input on any virtual conferencing platform.

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 www.eglass.io/support or www.hovercam.com/eglass/help
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

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 in the USA.

*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

by **Pathway**
THE MAKERS OF eGLASS & HOVERCAM