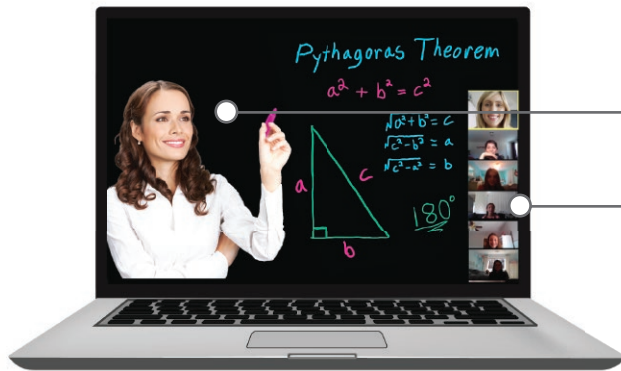# eGlass™

Transparent Lightboard
With a Built-In Camera
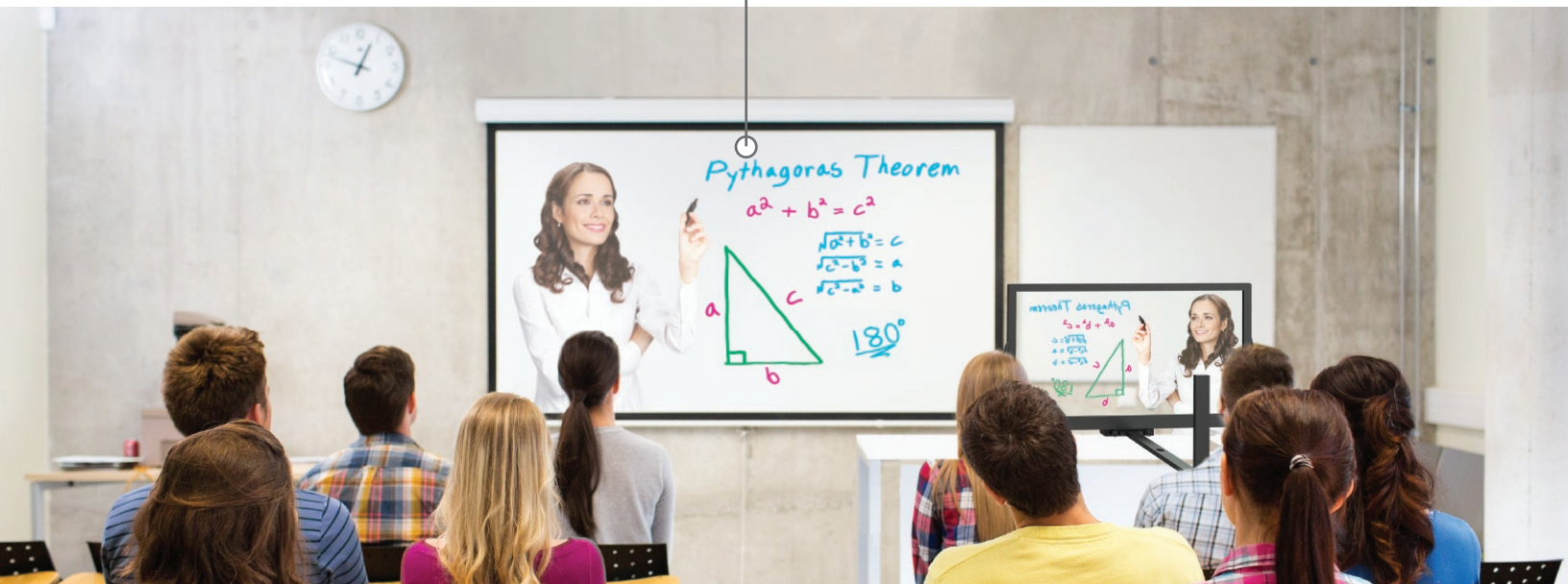
The NEW Whiteboard for the NEW Classroom

The built-in **camera** flips the image so text reads left-to-right

Students see their instructors face while they write on the glass surface with **glowing ink**

Even students watching online feel like they're getting a **one-on-one lesson***

The image is projected from the computer* onto the classroom display - every student has a **front row seat**

*Plugs into a PC, Mac, or Chromebook via USB and functions as a webcam. Compatible with your favorite web-conferencing programs.

by **Pathway**

Data Sheet | eGlass

Preliminary Specifications - Subject to Change

MAIN SPECIFICATIONS

Model Numbers	HCEG-35, HCEG-50
What's in the Box	Main eGlass Frame, Adustable Support Legs (2x), Camera Arm Assembly, Polarizing Filter, Filter Adapter, AC Power Cable, AC Power Adapter, USB Cable, Support Leg Thumb Screws (6x), Camera Arm Thumb Screws (2x), Neon Glassboard Pens (Unactivated) (4x), Cleaning Rag, Foam Camera Arm Support Bricks, Anti-reflection Hood (Unassembled in Carrying Bag), Quick Start Guide
Physical Controls	Instructor lights (+/-), Glass lights (+/-), Record Video, Pause Recording, Stop Recording, Capture Snapshot, Exposure (+/-), Bottom Instructor Light Panel 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 stratch resistent tempered glass
Illumination	Adjustable External LED Instructor Illumination, Adjustable internal LED Glass Illuminination with ChromaClear technology
Instructor Lights Brightness	eGlass 35" - Min: 6000 lumens, Max: 12000 lumens	eGlass 50" - Min: 9000 lumens, Max:15000 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.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

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 x1080 @30fps*	1280 x720 @30fps *Some low end computers may not be able to handle high video performance.
Recording Resolution and Frame Rate	1920 x1080 @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
Adustable 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.

Learn more at **www.glass.io** | For video tutorials and in-depth instruction, please visit: www.hovercam.com/eglass/help