

## DEVICE SPECIFICATIONS & FREQUENTLY ASKED QUESTIONS



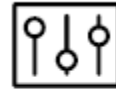
Binocular, opaque, HD color display that integrates prescription lenses.



21.5 MP camera with high acuity auto-focus liquid lens, and 24x zoom.



Accelerometers, gyroscope, IR range finder and temperature sensor.



Advanced UI with HDMI and USB inputs, Bluetooth®, Wi-Fi, and removable SD cards.

### WHAT'S IN THE BOX?

- eSight 3 Head Mounted Device
- eSight 3 Controller
- Frames
- Back Strap
- Forehead Band
- HDMI Cable (Type A to D)
- Wall Charger and Cable
- Extended Battery and Battery Holder Assembly
- Wrist and Neck Lanyard
- Carrying Case
- Belt Clip



<b>Frequently Asked Questions</b>	
<b>How does eSight restore vision?</b>	eSight has shown promising results with individuals that have genetic eye disorders that have specifically effected a small centralized area of the eye’s retina known as the <i>macula</i> . This form of vision loss essentially creates a void in their vision that begins centrally and expands towards the peripherals (dependent on disorder). A common underlying symptom between some of these disorders is central vision loss however if an object is close enough to the eye, some object information can be observed. The principle behind eSight is that we are recording information that would normally be at a distance and presenting that same information close enough to the user so that their eye can resolve the image.
<b>How do I control eSight</b>	eSight comes with a handheld controller that allows the user to fine tune their experience. A combination of simple to use buttons and dials will enable users to control settings such as brightness, zoom and focus.
<b>What is eSight’s battery life?</b>	Approximately 3 hours, size is 5,000 mAh <i>(MilliAmpHours)</i>
<b>How much does eSight weigh?</b>	104 g = 3.7 Oz
<b>How does eSight charge?</b>	Device charges using a USB type C cable as well as a wall charger (5V at 2A)

Do I have to wear eSight all the time?	You can move the display out of the way with the Bi-Optic tilt
What kind of screens are found in eSight?	2x OLED Display ( <i>Organic Light Emitting Diodes</i> )
How do I connect eSight to my (TV, Laptop, Tablet)?	You will need an HDMI to Micro HDMI cable to connect them together
Does eSight have auto focus (AF)?	Yes, AF is achieved through a liquid lens. Stimulation of this liquid electronically gives it a large focus range so that you can focus on objects far away.
How much can I see through eSight?	eSight has a diagonal field of view of 37.5°. This field of view is fixed, if we make this wider than the user will interpret peripheral information through the display as well as their own peripheral vision.
How do I update eSight's software?	Through an SD card or over a wireless connection
Is eSight waterproof?	Our device is IP53 certified which makes it dust and water resistant but not waterproof
How does it auto focus?	An incorporated pair of infrared range finders can record object distances which help the camera focus
What kind of camera does eSight use?	21.5 MP camera capable of both optical and digital zoom, 24x
What is eSight's resolution (Pixels)?	1024x768
How does eSight track my head movement?	Onboard sensors such as a gyroscope and accelerometer will track both head position and acceleration
Can I use eSight in the dark?	eSight has a head mounted LED capable of 124 lumens ( <i>measurement of light</i> )

Can eSight talk to me like Siri?	eSight has speakers built in but these are used for watching movies
Can I talk to eSight like Siri?	eSight has microphones but this is a feature we are working on
Does eSight get hot?	Like a laptop and tablet, eSight's processor will get warm
Is eSight's camera stable?	We do not use any optical image stabilization however our camera has a very quick response to head movements