



User Guide

Understanding
eSight 3 and
getting the most
from your eSight 3

eSight 3

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eSight reserves the right to improve the contents of this User Guide without notice.

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Safe Use and Care of eSight

Be safe! Before using eSight, read the Safety and Care booklet. It contains important product warnings and cautions, care instructions, and statements of regulatory compliance.

About eSight

eSight is a state-of-the-art head mounted camera and display system (Figure 1).

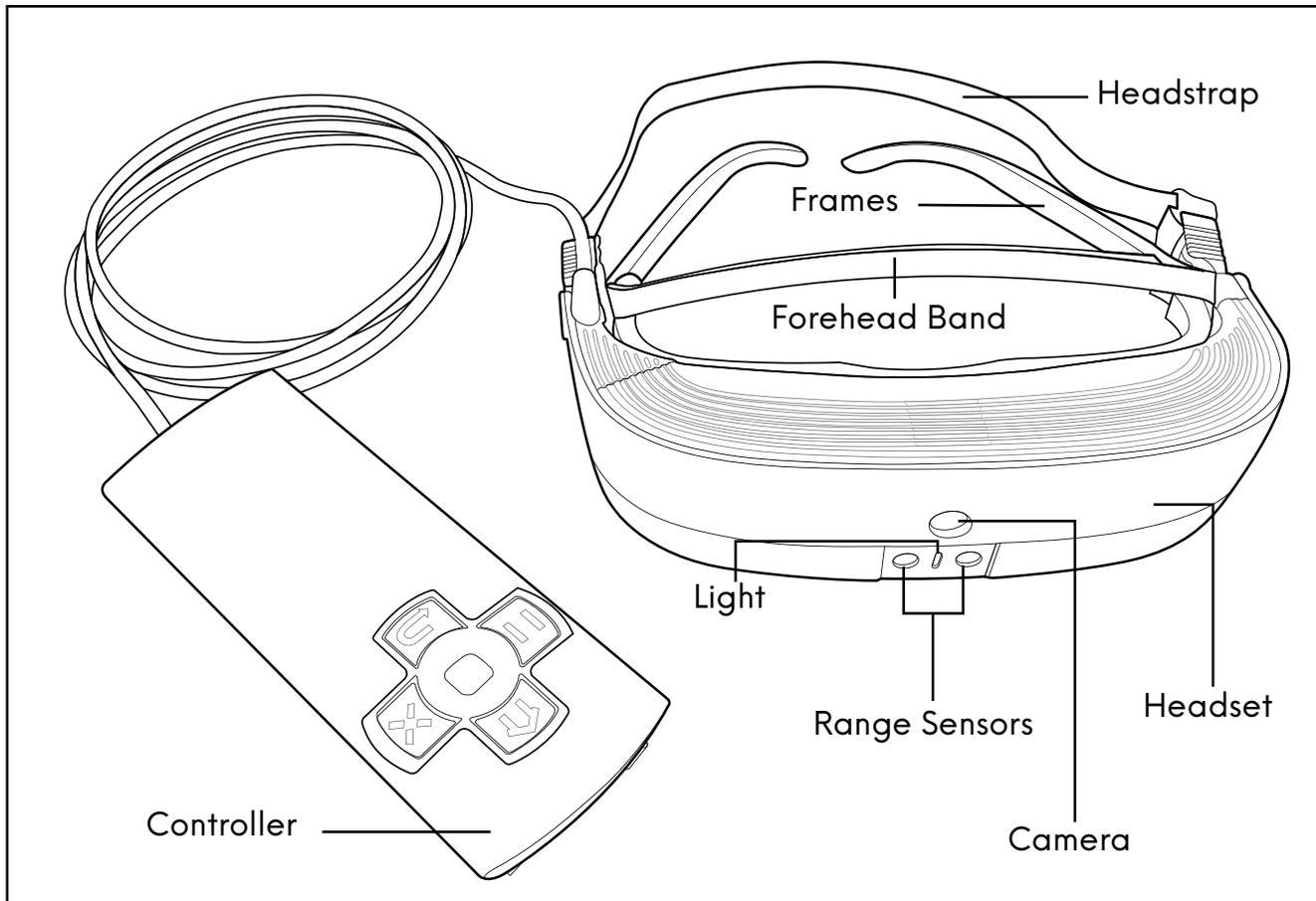


Figure 1 eSight

eSight Package Contents

As you unpack eSight, make sure you have received the items below:

- eSight 3 (Headset and Controller)
- Lensless Frame with Nosepad
- eSight 3 USB Cable
- USB AC Wall Adapter
- Digital Video Cable
- SD Card, includes Electronic Product Documentation
- Printed Product Documentation
- Microfiber Bag
- Wrist and Neck Lanyards
- Belt Clip
- Carry Case
- Spare Forehead Band

Once you have checked the contents of your package, charge eSight.



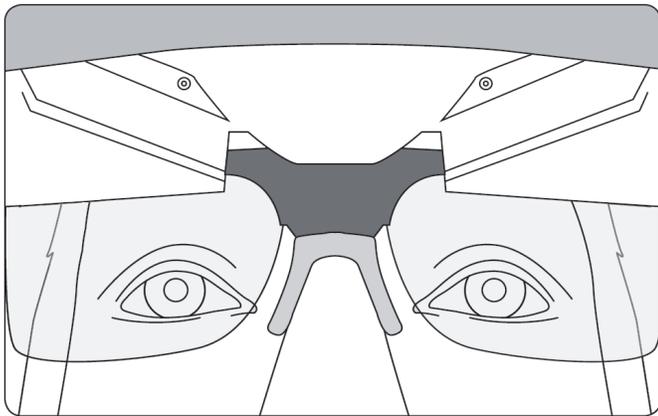
You must fully charge eSight before you can use it for the first time. See “Charging eSight” on page 13.

Wearing eSight

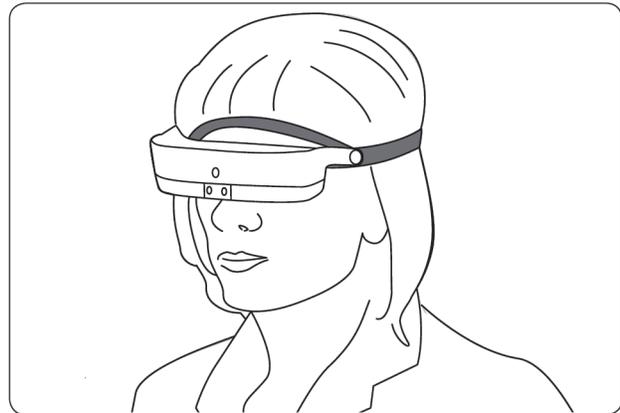
Achieving the Perfect Fit

You have the perfect fit when...

Your frames are positioned on the face like a regular pair of glasses.



Your forehead band and headstrap form a snug "halo" around your head.



Your headset and frames feel weightless on the bridge of your nose.



Your headset and frames do not move when you shake your head.

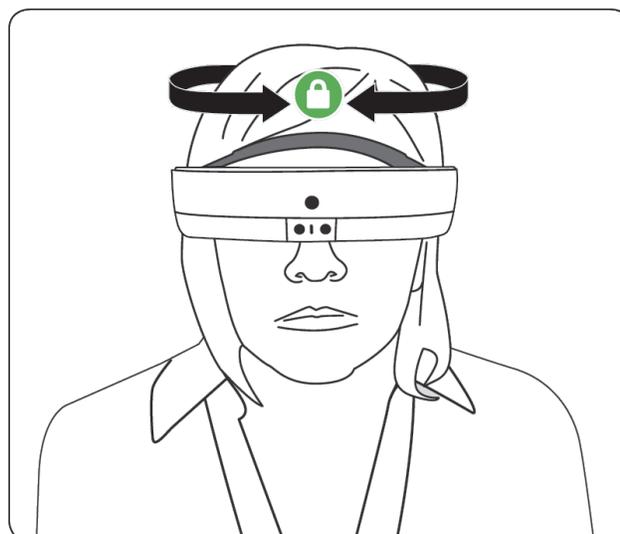
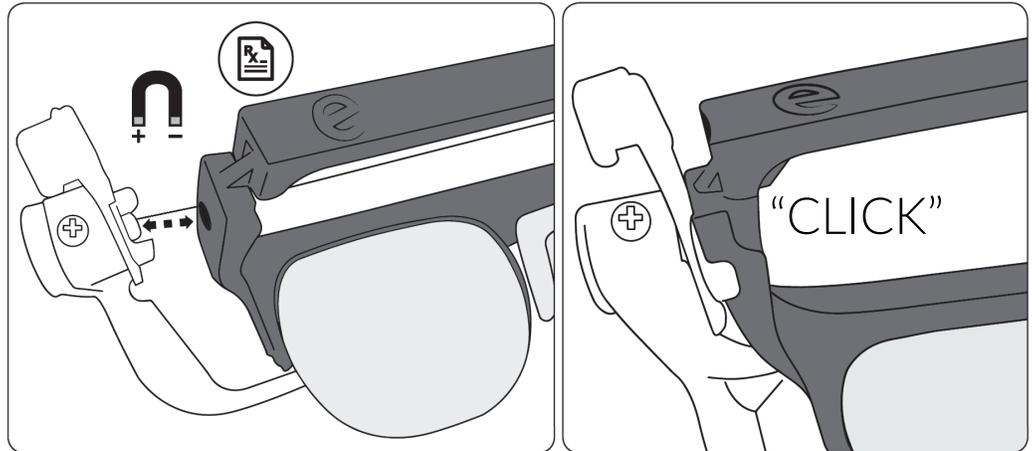


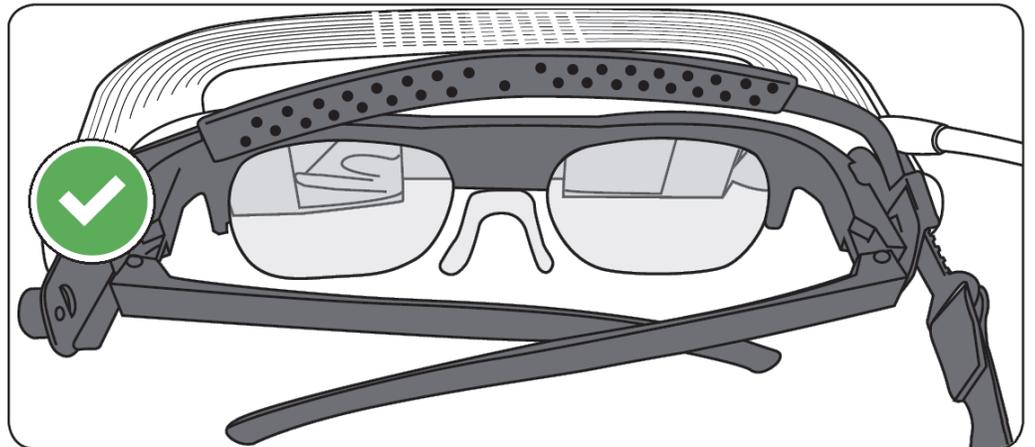
Figure 2 Perfect Fit

Connecting the Frames

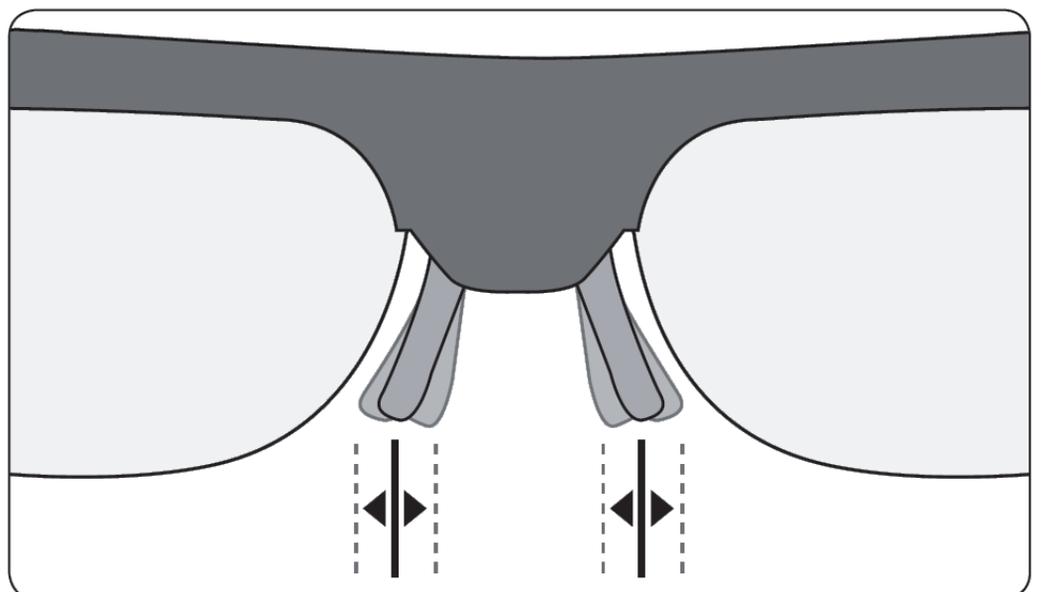
1. Fit the recess on the frames over the magnet on the headset so it "clicks" into place.



2. Fit the opposite side. Both sides of the frames are flush with the headset.

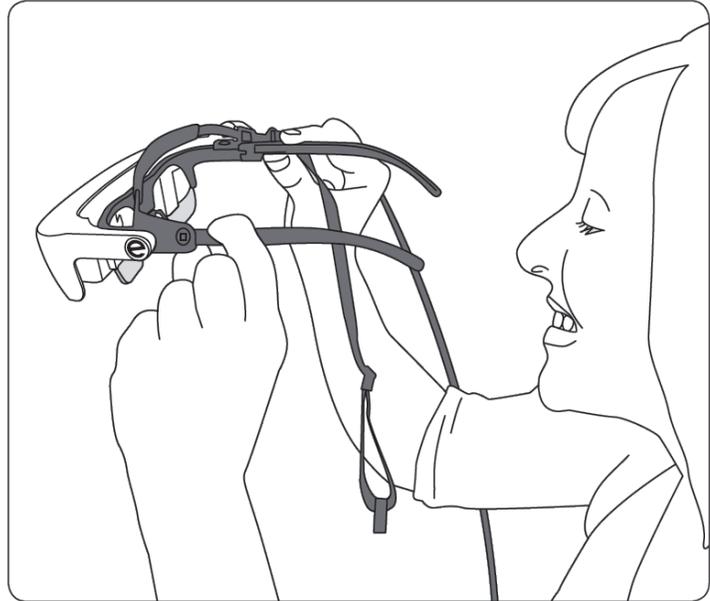


Adjust the nosepad on the frames to suit your nose for more comfort.

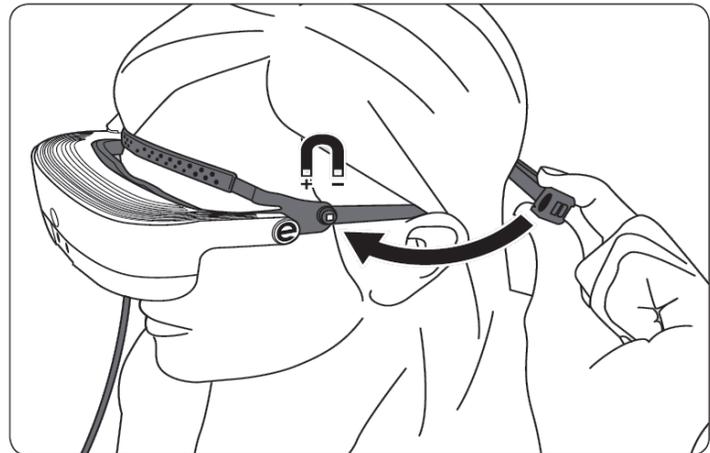


Connecting the Headstrap

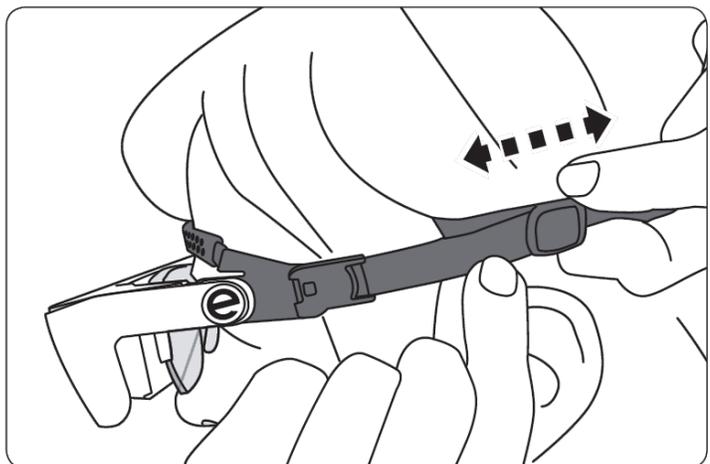
1. Put on the headset (with the frames attached) like a pair of glasses.



2. Wrap the headstrap around your head, and fit the connector over the magnetic contact point on the forehead band.



3. Adjust the buckle on the headstrap until you have a snug fit.



4. If the frames are too close or too far away from your face, adjust the forehead band. See "Adjusting the Forehead Band" on page 7.

Adjusting the Forehead Band

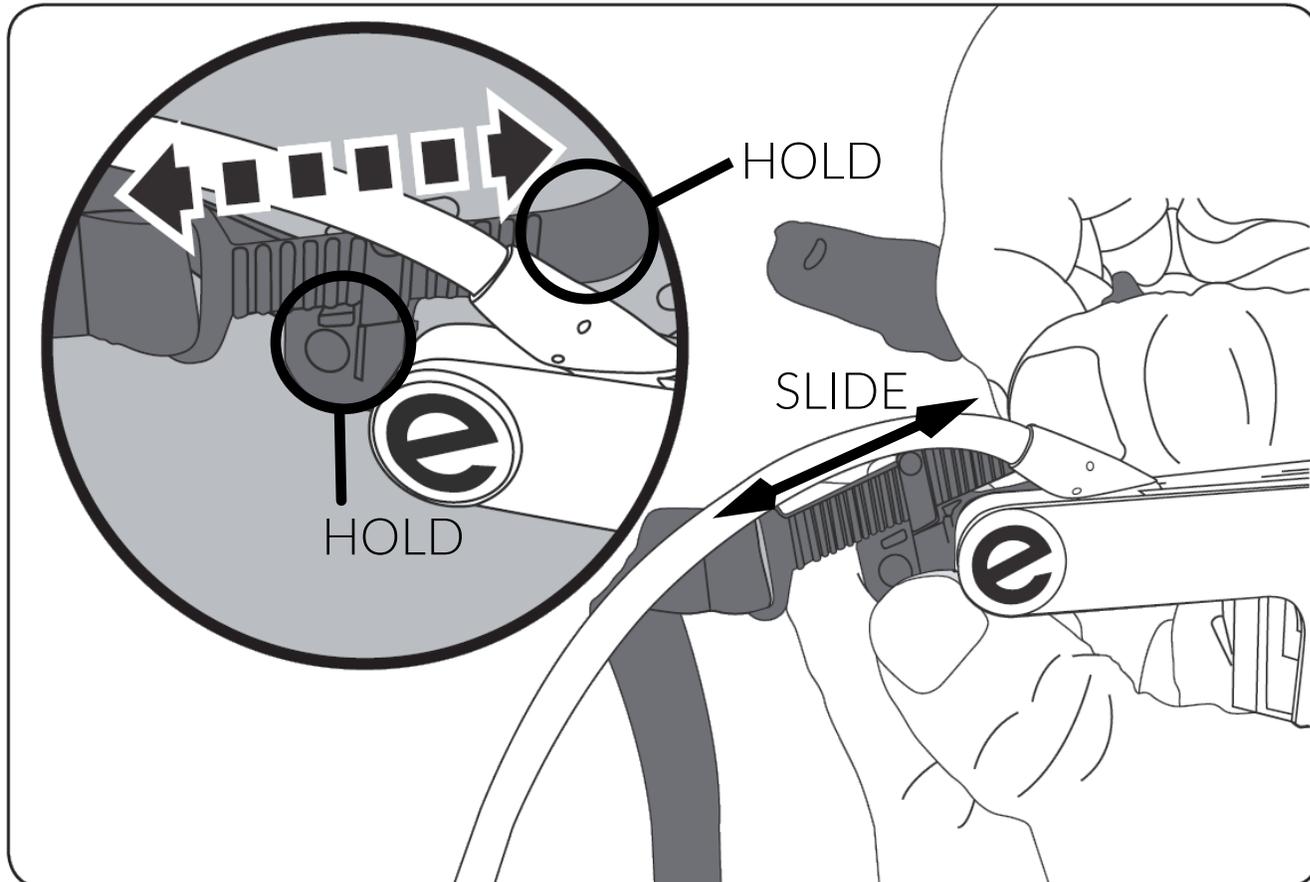


Figure 3 Adjusting the Forehead Band

1. Take off the eyewear.
2. Hold the forehead band as shown in Figure 3.
3. Slide the ratchet strip forward or backward to enlarge or shorten the band.
4. Put on the eyewear again, and connect the headstrap.

When properly fitted, you'll have a slight gap of approximately 1 mm between the top of your frames and your forehead (Figure 4).

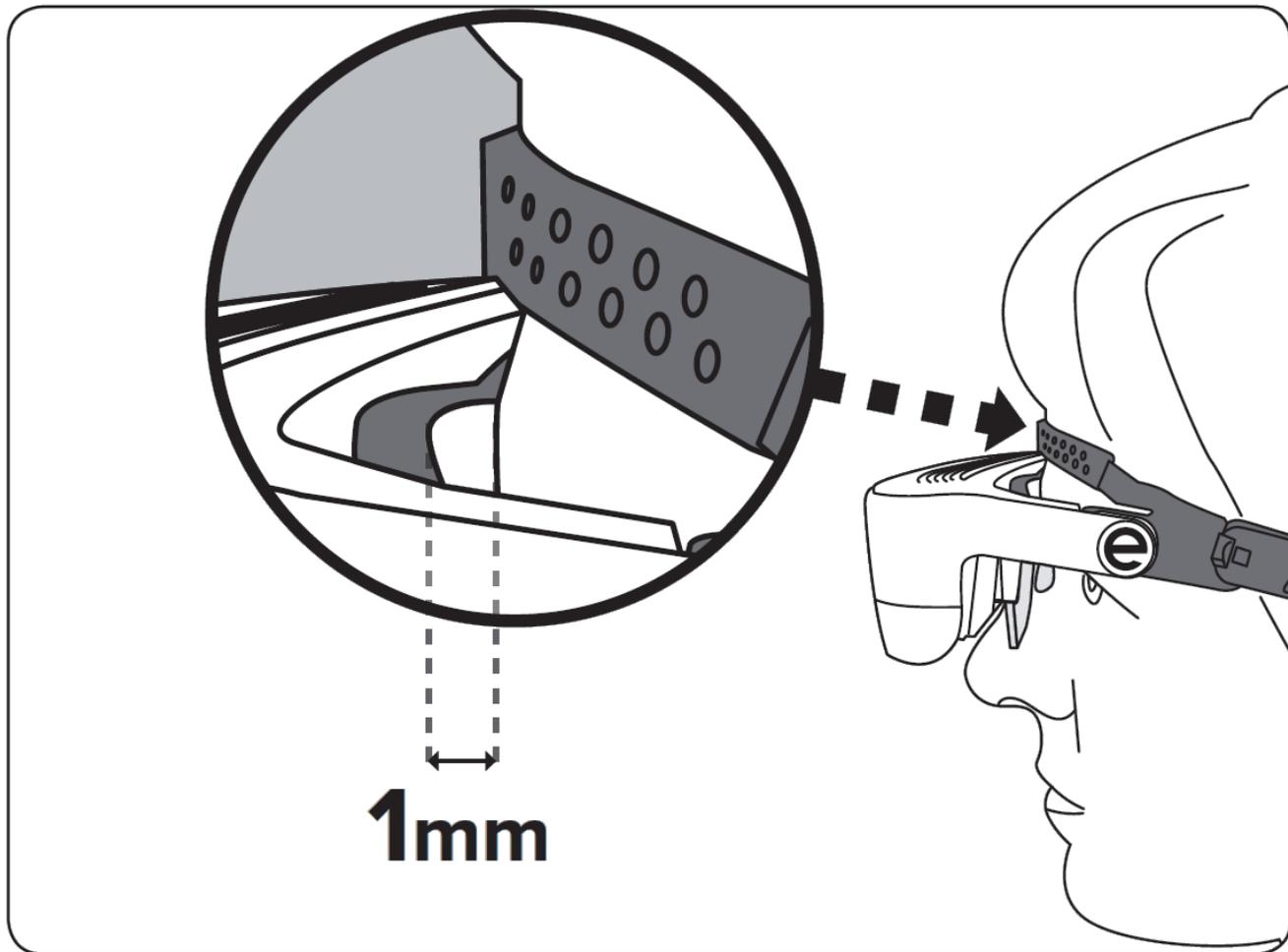
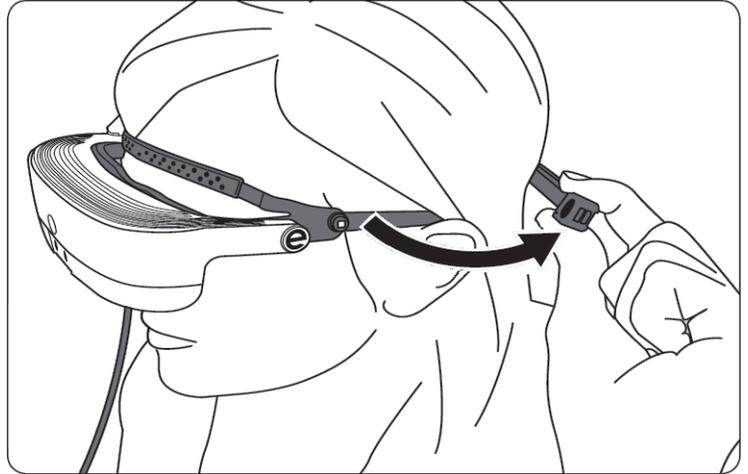
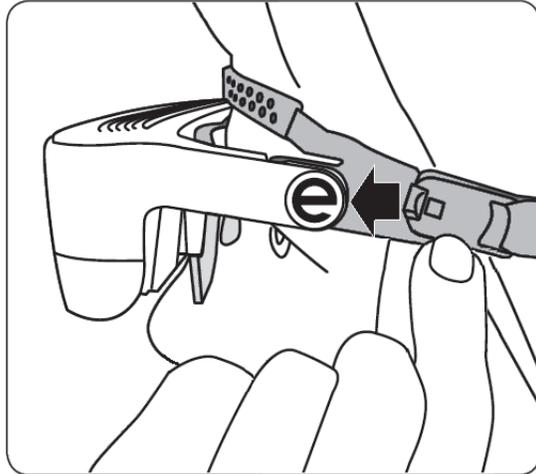


Figure 4 Properly Fitted Forehead Band

Disconnecting the Headstrap

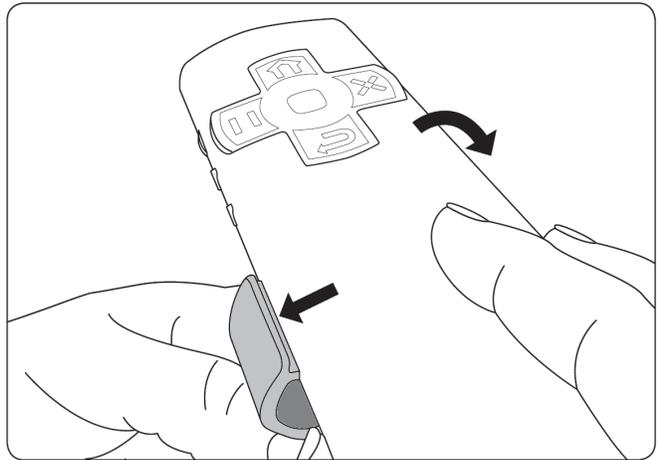
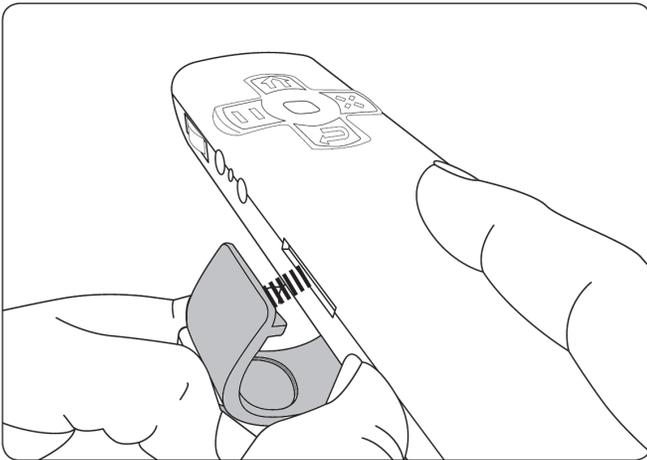
- Gently pull the headstrap connector forward and away from the eyewear.



Securing the Controller

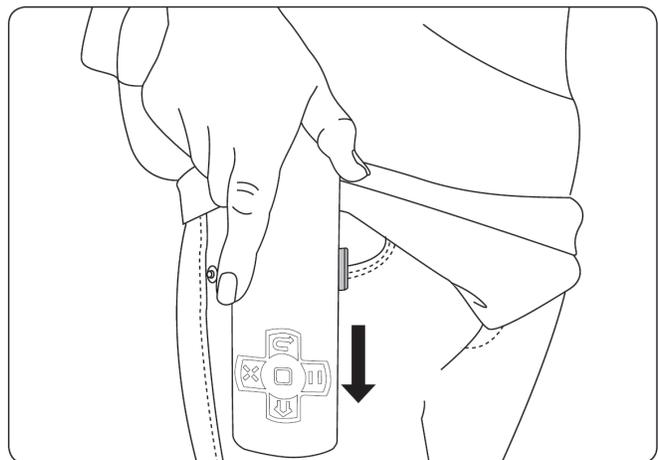
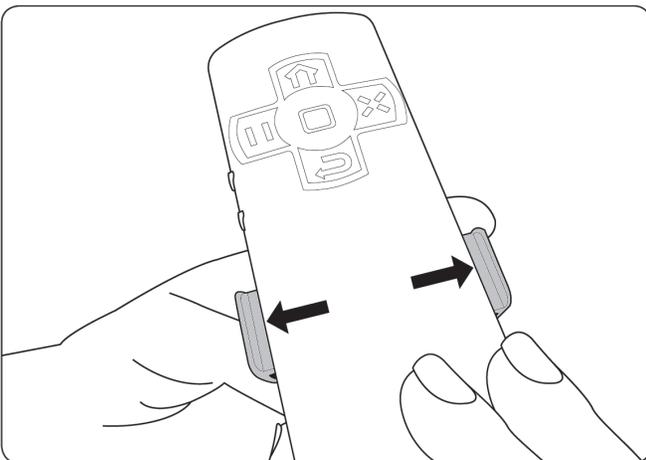
In mobile situations, secure the controller using the belt clip, wrist strap, or neck lanyard. Alternately, carry the controller in your pocket or purse.

1. Fit the belt clip tooth into the slot on the side of the controller.



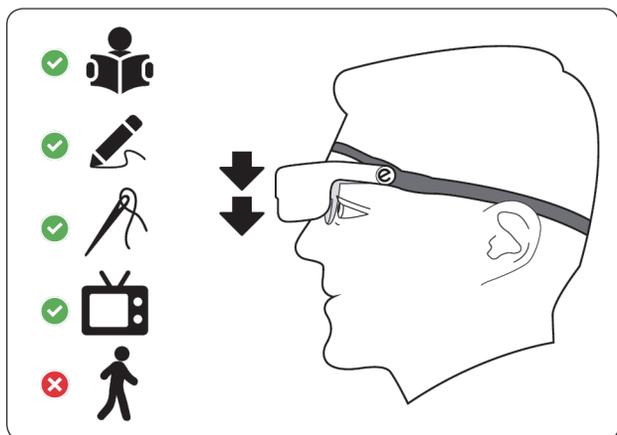
2. Push down on the controller to snap it into the cradle.

3. Secure the belt clip, and rotate it so the controls are easily accessible.



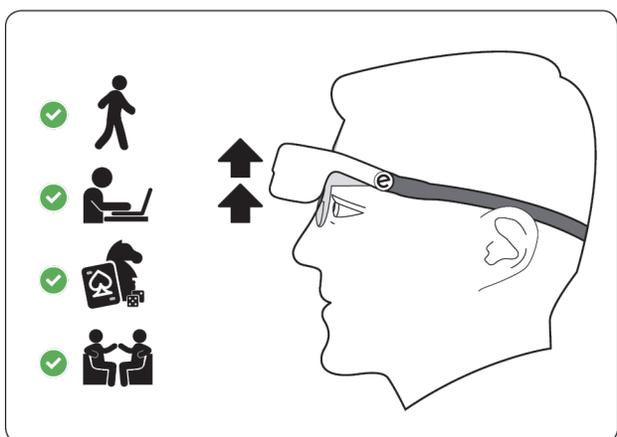
Tilting the Headset

You can tilt eSight through a wide range of positions. Below are common positions and their uses.



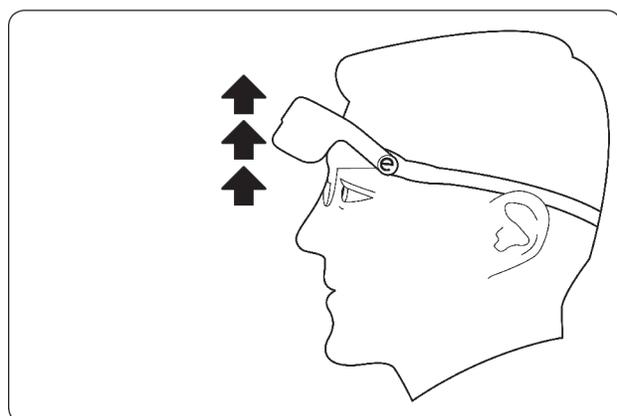
Lower Bioptic Position

- Headset is fully down
- Look directly at the displays while maintaining your peripheral vision
- Useful for activities like reading, crafts, and watching t.v.
- Do not attempt mobile activities with your headset fully down



Upper Bioptic Position

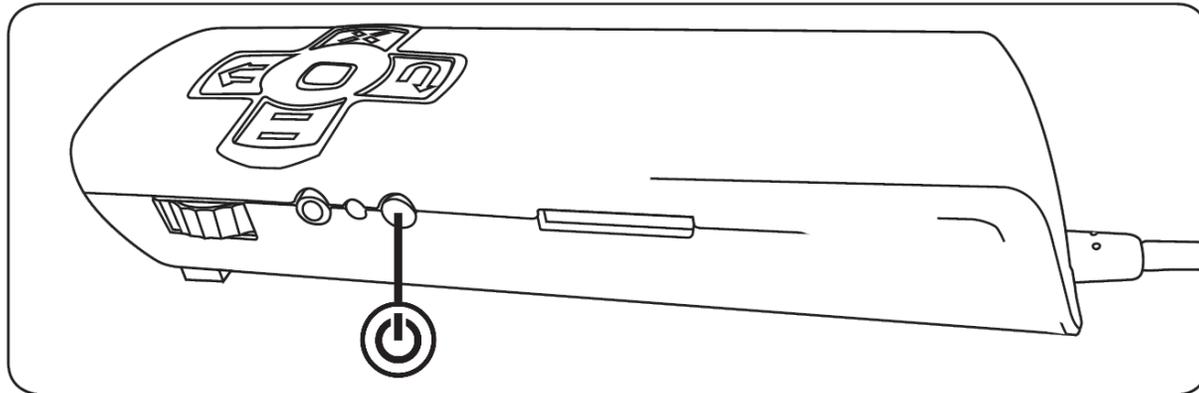
- Headset partially up
- View using the displays and frame lenses
- Use your peripheral vision and glance up into the displays for detail
- Useful for mobile activities, social occasions, and working with screens



Fully Tilted Up Position

- Headset is out of the way
- View using only your frame lenses
- Cannot view the displays

Powering eSight



Push and hold the Power button.

Alternatively, push the Home Button  and Menu Back/Control Lock Button  together to turn on/off eSight.

The light flashes red and green as eSight starts up.



Standby

Push and hold the Power button. Push it again to select STANDBY from the menu.

Resume using eSight quickly from this low power mode. eSight automatically enters Standby when it is stationary for one minute.

In Standby, the Power/Battery Status Light is off unless eSight is charging.



Push and hold the Power button.

Slide your finger on the trackpad to highlight SHUTDOWN, and then push the trackpad.

Charging eSight

As a best practice, charge eSight using the wall charger whenever you are using eSight while sitting.

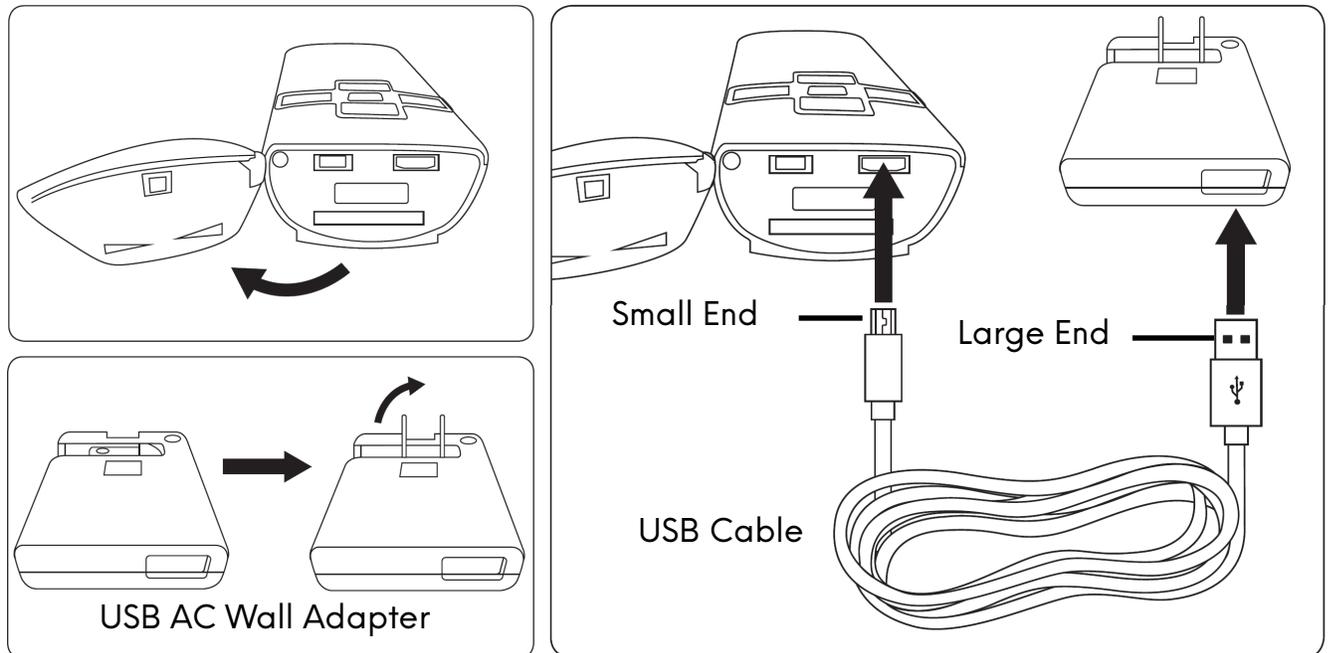
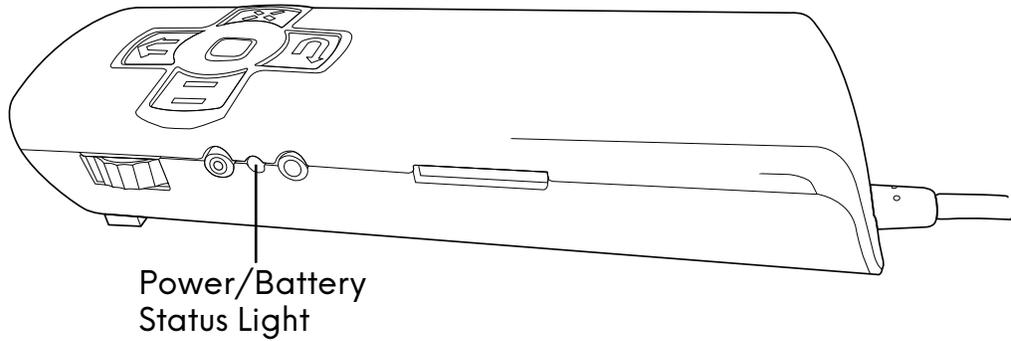


Figure 5 Charging eSight 3

1. Open the door on your controller.
2. Connect the USB cable to eSight and the USB AC Wall Adapter (Figure 5).
3. Plug the AC adapter into a power outlet.

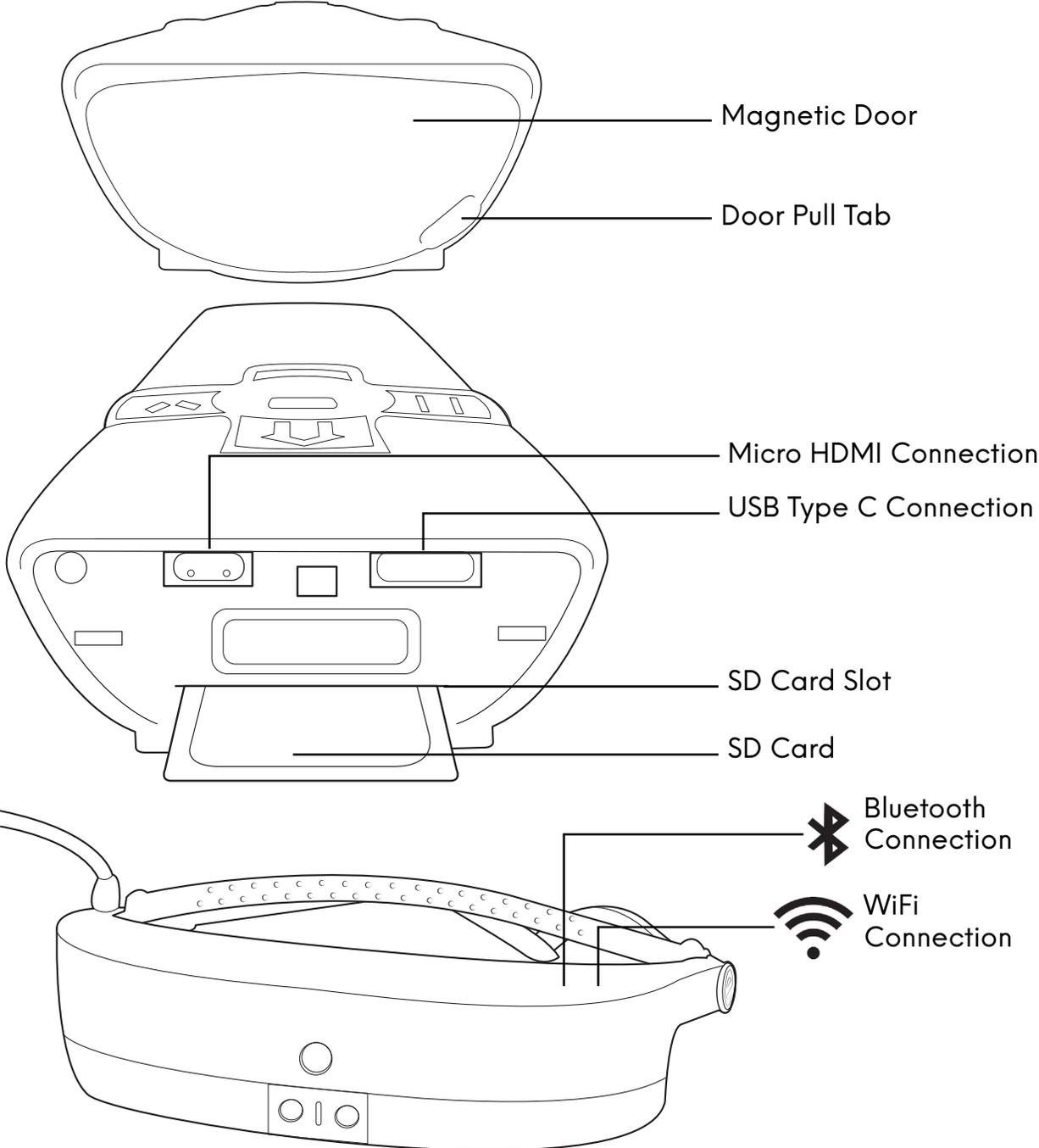
If eSight is on, it chimes when it starts charging. eSight is fully charged when the light is solid green.

Power/ Battery Status Light



Light	Meaning
 Solid Green	Battery Fully Charged. eSight Plugged In.
 Solid Yellow	Battery More Than 5 Percent Charged. eSight Charging.
 Solid Red	Battery Less Than 5 Percent Charged. eSight Not Ready for Use. eSight Charging.
 Flashing Green	Battery 80-100 Percent Charged. eSight Running on Battery Power.
 Flashing Yellow	Battery 5-80 Percent Charged. eSight Running on Battery Power.
 Flashing Red	Battery Less Than 5 Percent Charged. eSight Running on Battery Power.
 Flashing Red/Green	eSight Starting Up, OR eSight Updating.
 Flashing Red/Yellow	System Fault.

Connections and Controls



For information about using the connections and controls, consult the Software Quick Reference accompanying eSight.

Technical Specifications

Display	
Resolution	<ul style="list-style-type: none">• 1024x768
Field of View	<ul style="list-style-type: none">• Diagonal 37.5°
Camera	
Range of Focus	<ul style="list-style-type: none">• 15 centimeters (6 inches) to Infinity
Image Resolution	<ul style="list-style-type: none">• Still Images: 21.5 Megapixels JPEG Compressed• Video Images: 1024x768
Power	
Battery	<ul style="list-style-type: none">• Integrated rechargeable lithium-ion battery• Maximum Charge Voltage & Current: 5.25V & 2.0A• Type C USB Cable with USB AC wall adapter• Recharge from a wall outlet
Storage	
SD Card	<ul style="list-style-type: none">• 8 Gigabyte Memory Card• Stores the eSight Low Vision Software and user data
Connections	
HDMI	<ul style="list-style-type: none">• Type D HDMI input that connects to Video Sources with HDMI Port• Supported Resolutions and Frame Rates:<ul style="list-style-type: none">• 1080p/60 or 1080p/30• 720p/60 or 720p/30• 1024x768

Connections (Continued)	
USB	<ul style="list-style-type: none"> • Type C USB input for power and data • Charges the battery when used with the AC wall adapter • Allows video and data sharing to or from the eyewear
Bluetooth	<ul style="list-style-type: none"> • Pairs the headset with supported devices
Wireless LAN	<ul style="list-style-type: none"> • Allows video sharing to or from the eyewear • 802.11ac, 802.11g at 2.4 GigaHertz and 802.11n at 2.4 and 5 GigaHertz
Sound	
Headset Speakers	<ul style="list-style-type: none"> • For media streaming and user interface feedback
Operating Environment	
Operating Temperature	<ul style="list-style-type: none"> • 0°C to 40°C
Storage Temperature	<ul style="list-style-type: none"> • 0°C to 50°C
<p>NOTE: eSight is not intended for use in rain or heavy snowfall conditions. Care for eSight as you would a cell phone, tablet, or other electronics device.</p>	

eSight Customer Support and Warranty

eSight Customer Support (Canada and United States)

For questions and customer support, please contact us:



www.esighteyewear.com/contact



1-855-8eSight (1-855-837-4448)

Follow the prompts to contact your eSight Coach.

eSight Customer Support (Outside Canada and the United States)

For questions and customer support, please contact your eSight Authorized Distributor or dispensing clinic directly. They are trained to provide full support in your local language and time zone.

Warranty



www.esighteyewear.com/warranty