

Low Vision Software Quick Reference

Learning how to use eSight 3 menu and controls

eSight 3

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lcons

System		Camer	a	Display	Y	Connect	tions
	Battery Fully Charged	AF	Auto Focus ON		Video Paused		Airplane Mode ON. All Network Connections OFF.
74	% Battery Power Remaining	ک ج	Near Manual Focus ON	+	Panning Available	Ĩ.	Wi-Fi ON. Wi-Fi Not Connected to a Network.
4	eSight 3 Charging		Far Manual Focus ON	0	Taking a Picture		Wi-Fi Connecting to a Network
	Light is ON		Exposure Locked		Picture Saved	((1-	Wi-Fi Connected to a Network
	Controller Locked. Hold D 5s to Unlock.				Picture Loading	*	Bluetooth ON.
	Controller Unlocked						

Dials

Zoom Dial

- Zoom In or Out—Rotate.
- Spot Zoom—Hold to temporarily zoom out to the full field of view when viewing magnified live or paused video or pictures.
- Switch Between Available Video Sources —With an external video source connected, push to go to the video of the next available video source (when set to DIALS > ZOOM > VIEW), OR
- Spot Zoom Only When DIALS > ZOOM set to SPOT, OR
- Mute Only Push to turn off or turn on sound (when set to DIALS > ZOOM > MUTE). Spot Zoom is not available.
 For set up of the Push function of the Zoom Dial, see Line 36.



– Contrast Dial

- Adjust Contrast Rotate.
- Change Contrast Mode Push for next mode.
- Black on White
 White on Black
 Black on Yellow
 Blue on White
 Blue on Yellow
 Yellow on Blue
 Grayscale
 Grayscale
 Normal (Full Color)

 Focus Dial

 Adjust Focus Rotate.
 Fine-tunes in Auto (Optional).
 Fully adjusts in Near and Far Manual Modes.
- Change Focus Mode Push for next mode:
 - 🔆 Near Manual
 - 🖌 Far Manual
 - AF Auto

Photo -

- Push to take a picture.
- Use the QP Menu when two or more Quick Press functions are turned on, see Line 56.

For set up of Quick Press, see Line 55.

- ON/Resume Push and hold.
- Standby Mode Push and hold. Push again to select STANDBY.
- OFF Push and hold. Highlight and select SHUTDOWN.
- Restart Push and hold. Highlight and select RESTART.

Trackpad



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Adjust Video

1.	Zoom In or Zoom Out	•	Rotate the Zoom Dial.
2.	Spot Zoom While Viewing Magnified Live or Paused Video or Pictures	•	Hold the Zoom Dial to see the full field of view, then release to return to the magnified view.
3.	Set to Near Manual Focus	i.	Push the Focus Dial until you see 💦
		ii.	Rotate the Focus Dial to sharpen the image.
4.	Set to Far Manual Focus	i.	Push the Focus Dial until you see 🔊
		ii.	Rotate the Focus Dial to sharpen the image.
5.	Set to Auto Focus	•	Push the Focus Dial until you see AF.
6.	Fine-tune Focus in AUTO (Optional)	•	Rotate the Focus Dial.
7.	Increase or Decrease the Contrast	•	Rotate the Contrast Dial.
8.	Change the Contrast Mode	•	Push the Contrast Dial.
9.	Pause or Resume Video	•	Push

 10. Reset eSight to the startup settings (1x zoom, auto focus, auto exposure, default contrast, and full color, live video)



Connect HDMI Video Source to eSight 3



- Plug the large end of the eSight Digital Video Cable into the HDMI Video Out connection of the external video source.
- ii. Plug the small end of the eSight Digital Video Cable into the Micro HDMI connection on eSight 3.
- iii. View the HDMI video. See Line 11.



When viewing a computer display in eSight 3, set the computer display resolution to 1024x768.

Connect HDMI Video Source to TV and eSight 3



If eSight 3 doesn't automatically set the HDMI video source to the best resolution, set the video source resolution to one of the resolutions listed in the eSight 3 User Guide, "Specifications & Compliance Information". Not all HDMI external video sources are compatible with eSight 3 due to the device security on the video source that prevents viewing of the media.

You require two HDMI cables, one eSight Digital Video Cable, and a splitter. Consult your eSight Ambassador for details.

- Plug an HDMI cable into the HDMI Out on the external video source and the HDMI In on the splitter.
- ii. Plug the eSight Digital Video Cable into Output 1 on the splitter and the Micro HDMI on eSight 3.
- iii. Plug an HDMI cable into Output 2 on the splitter and the HDMI In on the TV.
- iv. View the HDMI video. See Line 11.

View External Video

11.	View HDMI Video	i. ii.	Connect eSight 3 to a compatible external video source. Push the Zoom Dial until you see the video from your HDMI video source (if SETUP > PREFERENCES > DIALS > ZOOM is set to VIEW), or go to VIEW > HDMI .
12.	View Camera Video	•	Push the Zoom Dial until you see the camera video (if SETUP > PREFERENCES > DIALS > ZOOM is set to VIEW), or go to VIEW > CAMERA .
13.	View External Video at Full Screen	i. ii. iii iv	Go to DISPLAY > ASPECT . Select STRETCH (✓). View HDMI Video. See Line 11. Rotate the Zoom Dial to Stretch Zoom (which appears after 1x zoom) to view external video at full screen.
14.	Pan Around External Video	i. ii.	Magnify the external video. Move your head naturally (Head Motion Panning On) or slide your finger on the trackpad (Trackpad Panning On) in the direction you want to pan.
15.	Change the Panning Mode	•	When panning is available, push 🔀 : Trackpad, OFF, OR Head Motion.

Use the Light

16. Turn On/Off the Light • Go to **LIGHT** > **ON** or **OFF**.

Change Display Settings

17.	Adjust the Brightness	i. ii.	Go to DISPLAY > BRIGHTNESS . Slide your finger on the trackpad until you achieve the required level of brightness.
18.	Adjust the Displays to Use	i. ii.	Go to DISPLAY > SELECT OLED . Select BOTH, LEFT, OR RIGHT .
19.	Adjust the Intensity of the Displays	i. ii.	Go to DISPLAY > LUMINANCE . Select AUTO , HIGH , OR LOW .

Change Camera Settings

20.	Set and Lock the Exposure Manually for a Specific Environment (such as a concert, movie theatre, etc.)	 i. Go to CAMERA > EXPOSURE > MANUAL. ii. Slide your finger on the trackpad until you achieve the required level of exposure.
21.	Set the Exposure to Auto	Go to CAMERA > EXPOSURE > AUTOMATIC.
22	Adjust the Exposure Threshold to Your Preferred Level of "Proper Exposure"	 i. Go to CAMERA > EXPOSURE > THRESHOLD > ADJUST. ii. Slide your finger on the trackpad until you achieve your preferred level of exposure.
		Go to CAMERA > EXPOSURE > THRESHOLD > SYSTEM DEFAULTS to restore the exposure threshold to normal.
23.	Remove Rolling Black Horizontal Bands from the Camera Video	Set BANDING to the frequency of the electricity in your country. Typically, Europe is 50 Hz and North America is 60 Hz. Normally, eSight 3 is set to 60 Hz.
		 i. Go to CAMERA > BANDING. ii. Select the setting without the check mark.
24.	Improve the Camera Video in Low Light Conditions	 Go to CAMERA > ENVIRONMENT > LOW LIGHT. For well-lit environments, set the camera video back to CAMERA > ENVIRONMENT > NORMAL MODE.

Take Pictures and Access Saved Pictures

25.	Take a Picture of Live Video	Push the Photo Button.
26.	Take a Picture of Paused Video	i. Push ∎∎. ii. Push the Photo Button. iii. Push ∎∎ to go back to live video.
27.	View Pictures	i. Go to PICTURES.ii. Swipe left or right to go to the next or previous picture.
28.	View a Picture in High Quality	i. View the saved picture. See Line 27. ii. Push the trackpad. iii. From the OPTIONS list, select HIGH QUALITY .
29.	Delete a Picture	 i. View the picture. See Line 27. ii. Push the trackpad. iii. From the OPTIONS list, select DELETE. iv. Select YES.

Manage Menu and Icon Setup Preferences

30.	Change the Color of the Menus	i. ii.	Go to SETUP > PREFERENCES : Select your preferred color sch	> MEN eme.	IUS > COLOR .
31.	Change the Font Size of the Menus	i. ii.	Go to SETUP > PREFERENCES > MENUS > SIZE . Slide your finger on the trackpad until you achieve the preferred menu size.		While in the eSight Menu, turn the Zoom Dial to change the menu size.
32	Change the Menu and Menu Text Alignment	i. ii.	Go to SETUP > PREFERENCES : Select your preferred on-screen alignment.	> MEN n menu	IUS > POSITION . Uposition and text
33.	Change the Position of the Icons	i. ii.	Go to SETUP > PREFERENCES Select your preferred on-screen	> ICO I n icon	NS > POSITION . position.
34.	Change the Size of the Icons	i. ii.	Go to SETUP > PREFERENCES : Select your preferred size.	> ICO	NS > SIZE.
35.	Change the Duration at which Icons Are Displayed	i. ii.	Go to SETUP > PREFERENCES Select your preferred duration.	> ICO	NS > DURATION.
			NEVER hides the icons.		

Manage Dial Setup Preferences

36.	Change the Behavior of the Push function on the Zoom Dial	i. ii.	Go to SETUP > PREFERENCES > DIALS > ZOOM . Select your preferred setting: VIEW —Spot Zoom/View Next Available Video Source, SPOT —Spot Zoom only, OR MUTE —Turn off/on sound only.
37.	Show the Sliders (Numeric Scale) for Setting Adjustments	i. ii.	Go to SETUP > PREFERENCES > DIALS. Select SHOW SLIDERS to show (\checkmark) or hide the sliders.
38.	Swap the Position of the Zoom Dial and Contrast Controls	i. ii.	Go to SETUP > PREFERENCES > DIALS . Select SWAP ZOOM to swap the Zoom and Contrast controls (✓) or go back to the default positions.
39.	Set the Zoom to Graduated or Stepped Zoom	i. ii.	Go to SETUP > PREFERENCES > DIALS . Select ZOOM ACC to switch between a smooth, graduated zoom (✓) or a stepped, incremental zoom.
			Use graduated zoom if the normal stepped increments are too large. With graduated zoom, turn the Zoom Dial slowly for a smooth, graduated zoom or quickly for a fast, smooth zoom.

Manage Energy and Motion Sensitivity Preferences

40.	Set the Interval When My Eyewear Goes to Sleep (Auto-Standby)	 i. Go to SETUP > PREFERENCES > ENERGY > AUTO- STANDBY. ii. Select your preferred setting. 			
41.	Set the Interval When My Eyewear Turns Off If Not Taken Out of Standby Mode (Auto-Shutdown)	 i. Go to SETUP > PREFERENCES > ENERGY > AUTO-SHUTDOWN. ii. Select your preferred setting. Also set AUTO-STANDBY to a setting other than NEVER. 			
42	Change the Motion Detection Sensitivity Because eSight 3 Won't Go into Standby Mode	 i. Go to SETUP > PREFERENCES > MOTION SENSITIVITY. ii. Select MEDIUM or LOW. If your eyewear is very sensitive to vibrations when positioned on a flat surface and won't go into Standby Mode, choose a lower level of sensitivity. 			
M	Manage Language Preferences				

43. Set the On-Screen Language

- i. Go to SETUP > PREFERENCES > LANGUAGE.
- ii. Select your preferred language.

Manage Picture Preferences

44. Set the Size at which Pictures Are Saved

Go to SETUP > PREFERENCES > PICTURES.

- ii. Select your preferred setting: SMALL (1280 x 980), MEDIUM (2592 x 1944), OR **LARGE** (5344 x 4016).
- 45. Clear the Picture Cache (Pictures Stored in Temporary Memory)

 Go to SETUP > PREFERENCES > PICTURES > CLEAR CACHE.



Clearing the picture cache on eSight 3 does not delete pictures from your SD card.

Use this feature if you used a computer to manage the pictures on your SD card (for example, you updated a picture, but you kept the same file name). When you clear the picture cache, eSight 3 reloads the pictures, so you can see the updated pictures in your eyewear.

Manage Sound and Narration Preferences

46.	Adjust the Volume	i. ii.	Go to SETUP > PREFERENCES > SOUND > VOLUME . Slide your finger on the trackpad until you achieve the right volume.
47.	Change the Sound Theme	i. ii.	Go to SETUP > PREFERENCES > SOUND > THEME . Select your preferred setting.
48.	Adjust the Amount of User Interface Feedback	i. ii.	Go to SETUP > PREFERENCES > SOUND > FEEDBACK . Select MINIMAL —Urgent alerts only, SOME —Urgent alerts and setting adjustments, LOTS —All key pushes, OR SILENT — No feedback.
49.	Turn Off/On the Narration	i. ii.	Go to SETUP > PREFERENCES > SOUND > NARRATION. Push the trackpad to turn off or turn on (\checkmark) the narration.
			Narration is available in English, French, Italian, Spanish and German.
50.	Change the Speed of the Narration	i. ii.	Go to SETUP > PREFERENCES > SOUND > NARRATION > SPEED . Slide your finger on the trackpad until you achieve the right speed.

- 51. Turn Off/On the Audible Notification that My Eyewear is Charging
- i. Go to SETUP > PREFERENCES > SOUND.
- ii. Select **CHARGE SOUND** to turn off or turn on (\checkmark) the audible notification that eSight 3 is charging.

Manage Panning Preferences

52	Change the Sensitivity of the Head- Motion Panning	i. ii.	Go to SETUP > PREFERENCES > PANNING > PAN SENSITIVITY. Select your preferred setting:
			 HIGH—Very little head movement to pan easily,
			 MEDIUM—Moderate head movement to pan around normally,
			 LOW—A lot of head movement to pan slowly, OR
			 CUSTOM—Adjust as you go. Then, while viewing magnified external video, paused video, or pictures, turn the Focus Dial upward to increase the pan sensitivity or downward to decrease the pan sensitivity.
53.	Change the Panning Area (Pan Limits)	i. ii.	Go to SETUP > PREFERENCES > PANNING . Select PAN LIMITS to allow panning beyond the borders or restrict panning to within the borders (✓) of magnified external video, paused video, or pictures.

Manage Contrast Modes

54. Select Preferred Contrast Modes and Order

i. Go to SETUP > PREFERENCES > CONTRAST MODES.

- ii. Push the trackpad until you have removed the check mark from every contrast mode in the list.
- iii. Select the contrast modes that you want to use in the order that you want them to appear when you push the Contrast Dial.



Normal (Full Color) is the default contrast mode.

Set and Use the Quick Press Menu

55.	Setup the Quick Press Functions for the Photo Button	i. ii.	Go to SETUP > PREFERENCES > QUICK PRESS . Select your preferred settings: PHOTO —Take pictures, LIGHT —Turn on/off the light, AND/OR MUTE —Turn off/on sound.
56.	Use the Quick Press Menu	i. ii. iii.	Push the Photo button to open the QP Menu. With the QP Menu open, push the Photo button again to go to the next QP menu option until you see the menu you want. Push and hold the Photo button to perform the action associated with the active QP menu (QP PHOTO, QP LIGHT, OR QP MUTE).

Manage Wi-Fi Networks

57.	Add a Wi-Fi Network	i. ii.	Go to SETUP > SYSTEM > CONNECT > WIFI > WIFI ROUTER > ADD NETWORK. Select the network you want to add. Enter the network password using the on-screen keyboard. Select ENTER.
58.	Connect to a Saved Wi-Fi Network	i. ii.	Go to SETUP > SYSTEM > CONNECT > WIFI > WIFI ROUTER . Select the network to which you want to connect. Select CONNECT .
59.	Disconnect from a Wi-Fi Network	i. ii.	Go to SETUP > SYSTEM > CONNECT > WIFI > WIFI ROUTER . Select the network to which you are currently connected. Select DISCONNECT .
60.	Forget a Wi-Fi Network	i. ii.	Go to SETUP > SYSTEM > CONNECT > WIFI > WIFI ROUTER . Select the network that you want to forget. Select FORGET .
61.	Turn on/off Airplane Mode	i. ii.	Go to AIRPLANE MODE . Push the trackpad to turn off Airplane Mode (wireless connections available) or turn on Airplane Mode (✓) (no wireless connections available).

Adjust My System Settings

62	Restore My Eyewear to the Factory Settings	i. ii.	Go to SETUP > SYSTEM > SYSTEM DEFAULTS . Select YES .
63.	Turn on/off Software Update Notifications	i. ii.	Go to SETUP > SYSTEM . Select UPDATE NOTIFICATIONS to turn off or turn on (✓) software update notifications.
64.	View Battery Level	•	Go to SETUP > SYSTEM . Your battery level is displayed as % BATTERY.
65.	View System Information	•	Go to ABOUT .

Use the OCR Text to Speech Reader

- 1. Set eSight 3 to Auto Focus mode (AF).
- 2. From **TOOLS** > **OCR LANGUAGE**, select the language of the text you want to interpret.
- 3. Go to TOOLS > OCR.
- 4. With the text in focus, center the text you want read inside the black crop box. If necessary, rotate the **Contrast Dial** to change the size and orientation of the crop box in the OCR Camera View.



You can change the zoom and focus while in the OCR Camera View.

5. Push the trackpad or the **Photo Button**.

Tips for Effective Use of the OCR Reader

- Sit in a bright room with enough light to illuminate the text (English, French, Italian, Spanish, or German).
- OCR works best with type-written, left-aligned, black text on a white background that is not surrounded by images or handwritten text.
- Larger, well-spaced text is recognized more quickly and accurately than smaller, tightly spaced text.
- Photograph the type-written text straight-on or directly from above.
- For best results, set the Focus to Near Manual (AF), zoom in until you see three lines of text, adjust the focus so those three lines are sharp, and then zoom out until the text fits within the crop box.
- Ensure the type-written text fits inside the crop box.

6. Wait while the software converts the image to text.

The recognized text displays as white text on a black background in the OCR Results Viewer as it is read aloud. The suggested auto-corrected words appear in red.

If the OCR software could not recognize text in the image, you may see random characters or a black screen. If this occurs, exit the Viewer, review the "Tips for Effective Use of the OCR Reader", and try again.

OCR Results Viewer Controls

- Change the Text Size Rotate the Zoom Dial.
- Scroll the Text Rotate the Contrast Dial.
- Repeat the Narration Push at any time to restart the narration from the beginning.
- Exit the Viewer Push 🥭

Use the PDF Reader

1. Copy the PDF(s) to an SD card, and insert the SD card into eSight 3.

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eSight 3 manuals are on the SD card in the Documentation folder.

- 2. Go to **TOOLS** > **EREADER**.
- 3. From the list of available PDF documents, select the document you want to view.
- 4. Use the PDF Viewer Controls to navigate the PDF.

PDF Viewer Controls

- Magnify Rotate the Zoom Dial.
- Change the Contrast Mode Push the Contrast Dial for the next mode.
- Move Up/Down Use Head Motion/Trackpad Panning or Rotate the Contrast Dial.
- Move Left/Right Use Head Motion/Trackpad Panning or Rotate the Focus Dial.
- Turn Off Head Motion Panning Push
- Exit the Viewer Push ____.