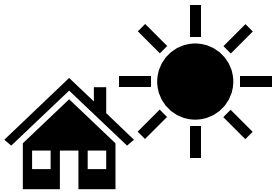# IRISVISION

LIVE

User Guide

V 3.6

Please read this guide before operating your IrisVision headset and keep it for future reference.

General Precautions:

- **Keep away from direct sunlight**

- **Keep dry**

- **Never walk when wearing IrisVision headset**

- **Never drive when wearing IrisVision headset**

- **Your IrisVision will speak – the ability to turn voice commands off is also possible**

WARNINGS:

- If you have a pacemaker do NOT wear the headset on a lanyard.

- Using the headset can result in short term side effects. These can include: nausea, motion sickness, disorientation, headaches, eye strains, blurred vision. We have seen these typically subside after initial adjustment period.

- If you experience any side effects, discontinue use and stay seated until symptoms stop. If symptoms persist, contact your doctor.

- Don't turn on accessibility options on the display unit, or lock the screen. This will cause serious issues.

2

Inside This Guide

Welcome

Thank you for purchasing an IrisVision Low Vision system. This guide provides the essential information you need to set up and use your new IrisVision unit. For help with specifics and troubleshooting contact a specialist at IrisVision.

About

IrisVision is an <u>FDA registered Class-1 medical device</u> that combines state-of-the-art virtual reality technology from Samsung with custom software developed by the nation's leading low vision experts at Johns Hopkins University.

It is the most effective low vision solution available for individuals with Macular Degeneration, Diabetic Retinopathy, Glaucoma, Retinitis Pigmentosa and other ocular disorders.

What's Included

Your IrisVision Low Vision Aid system comes with the following items:

1. **IrisVision Display Unit**

2. **Headset**

3. **Wireless Charging Pad**

4. **Fast Charger & Cable**

5. **Magnetic Braided Power Cable and Charger**

6. **Carrying Case**

7. **Warranty Card**

8. **Lanyard**

9. **Earphones for video watching**

Note: External battery not included (optional)

What's Included

IrisVision Display Unit

What's Included

Headset with Adjustable Straps

BACK OF HEADSET

What's Included

Wireless Charging Pad

Fast Charger & Cable

(Used with Wireless Charging Pad)

What's Included

Magnetic Braided Power Cable

What's Included

Carrying Case

Note: Bring your carrying case with you when using IrisVision outside. When not using your headset, please place it inside the case to minimize unintentional damage or environmental exposure.

What's Included

Earphones for watching videos

"New" Flashlight Capability
(see page 41 for details on how to use!)

FRONT OF HEADSET

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Setting Up Wi-Fi

IrisVision can be configured to connect to your Wi-Fi. A Wi-Fi connection allows our Customer Support team to assist you more efficiently, as well as allowing you to utilize our video player mode.

NOTE: IrisVision does not require Wi-Fi to function.

Step 1: Remove IrisVision Display Unit from Headset.

Release the IrisVision display unit from the headset by pushing the clip to the right of the display unit's camera away from the display unit. Carefully remove the display unit and set aside the headset.

Clip

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Step 2: Power on Display Unit

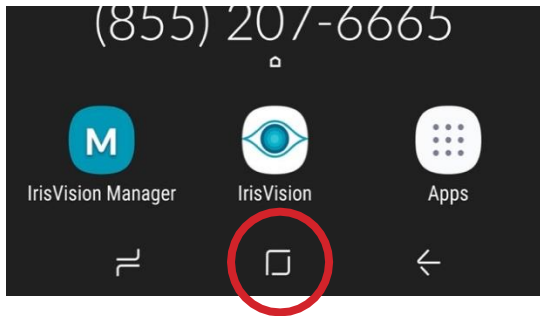If the display unit is not already powered on, you will need to power it on by pressing the power button on the right side when you are looking at the screen as shown.
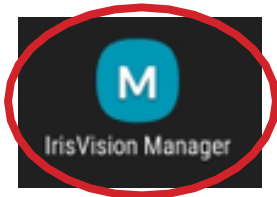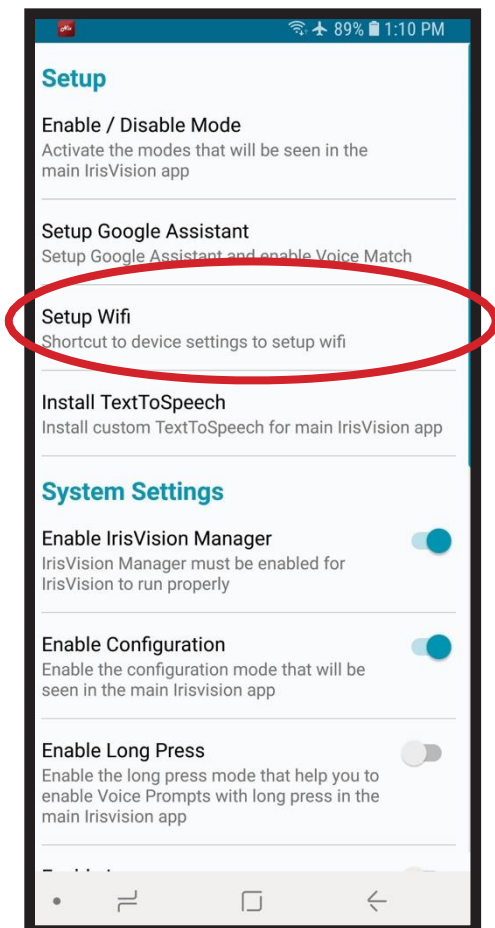
Step 3: Configure Wi-Fi

1. **To access home screen**:
   Swipe up from the bottom of the screen and press the small white rectangular box that appears.

2. Tap **IrisVision Manager** Application

3. Then tap **"Setup Wifi"**.

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Step 3: Configure Wi-Fi - continued

3. Turn on **Wi-Fi.**
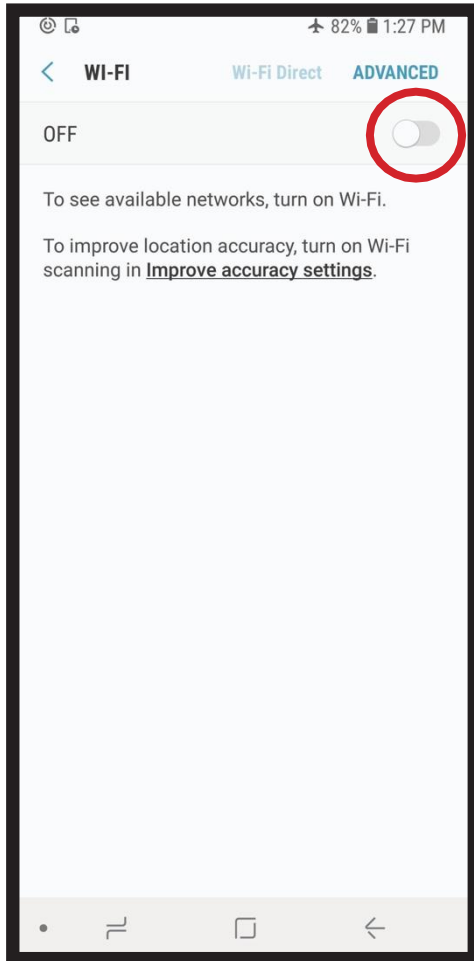
5. Select your network, then enter your password.

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Step 4: Connecting Display Unit with Headset

1. The headset has a connector and a clip with two positions: A & B. For the current model of IrisVision, it should remain in the A position.

2. Insert the headset's connector into the display unit's connector.

3. Gently push the display unit down into the mount until the clip snaps into place. You will hear a confirmation tone from the display unit if the headset and display unit are connected properly (only if your voice prompts are enabled). Once connected, the IrisVision headset is ready to use.

NOTE: IrisVision does not require Wi-Fi to function, Wi-Fi is required to use Alexa and Video Player.

Step 4: Connecting Display Unit with Headset – Continued

1

Insert the end of display unit to match the **yellow dots** on the headset as shown below.

2

Securely lock the display unit into the headset by pushing down the display unit against the spring lock.

Wireless Charging Instructions

Your IrisVision will take approximately 5 hours to fully charge and will automatically return to focus mode only when powered on.

1. Plug in the wireless charging pad to an electrical socket.
   Note: Please make sure your headset is powered on, and the display unit is installed into the headset.

2. Center the IrisVision headset face down on the included wireless charging pad. You will hear a verbal prompt (when voice prompts are enabled) and see a solid **red** light illuminate on the charging pad when the headset is properly placed on the charging pad.

NOTE: Headset does not go to sleep in Television mode – based on this - we do not recommend charging while in Television mode.

3. If you **DO NOT** hear this tone or see any illumination:

   • Make sure the straps are not sitting inside the headset as this will prevent the Display Unit from charging as the headset's sensors will think you are still wearing it.

   • Remove the Display Unit from the headset and place the back of the Display Unit (not the screen) directly onto the pad instead. Instructions on how to remove the display unit are found on page 13.

4. A few minutes after being set on the charger, the screen will turn black. When the Display Unit is fully charged, the **red** light on the charging pad changes to green and you will hear a verbal prompt (when voice prompts enabled).

The charging pad will emit a solid red light while charging.

The charging pad will emit a solid green light when your headset is fully charged.

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Wireless Charging Instructions – continued

5. If the **red** light is not on or if it is flashing, the headset is not charging. Please remove your headset and reposition it until the light remains solid **red**.

Although the headset turns back on within a few minutes of placing it on the Wireless Charging Pad, we recommend that you let it fully charge before using it.

NOTE: If your headset powers down, and it is not responding to any button press, place the headset back on the Wireless Charging Pad.

- The IrisVision's battery lasts 3 hours. It can last 3+ hours without continuous use, and all day (8 to 10 hours) on standby. You can make the most of this time by powering the headset off during activities when you are not using it.

Powering the IrisVision using the Magnetic Braided Power Cable on Headset

This power port can be used for extensive and continuous use beyond what the built-in battery can provide. You may use the magnetic braided power cable included in your kit which will allow you to use an external cell phone battery (not included).

Using this method does NOT charge the built-in battery but provides an alternative power source to operate the headset. As long as your battery has at least 50% charge, using this method will allow you to hold the existing charge. Think of it like plugging your device into an outlet-the cord allows you to maintain power without continuously draining the battery.

NOTE: This method of powering the headset can sometimes cause it to overheat. In the case that it does overheat, unplug the cable and let the headset cool down. In addition, we do not recommend placing it back on the Wireless Charging Pad until it has cooled down for at least 15 minutes.

Magnetic Braided Power Port

Headset Overview

Snapshot Button

Mode Button

Touchpad

Headset Overview - continued

Focus Wheel

Power Tab
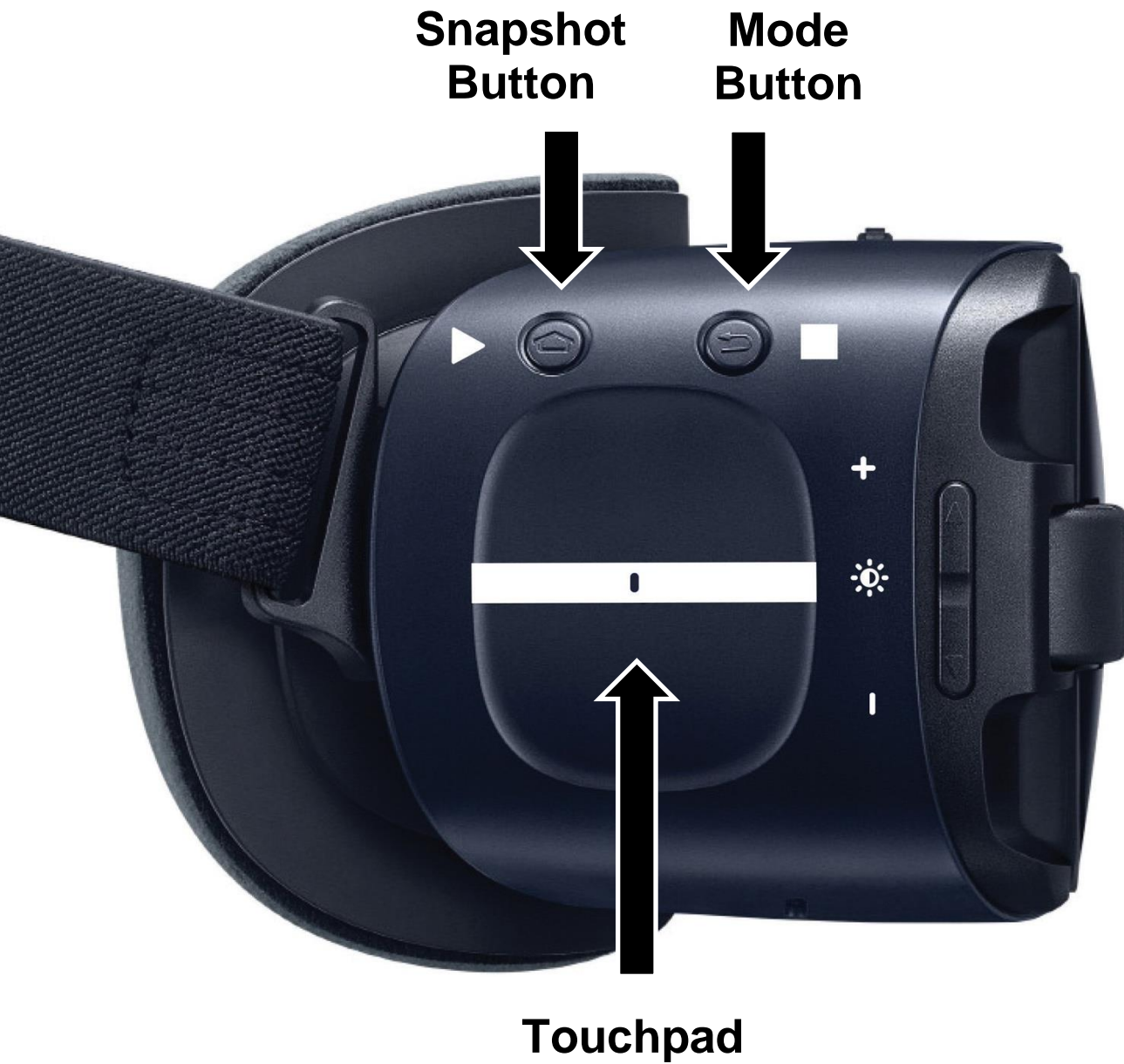
IRISVISION LIVE

Magnetic Braided Power Cable Port

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Headset Overview - continued

IrisVision Display Unit

Volume Button →

Power Button ←

IRISVISION LIVE

SEE CLEARLY
LIVE FULLY!

irisvision.com
(855) 207-6665

↑ **Fast Charging Port (for use with fast charging cable and fast charger)**

Using IrisVision: Step 1 - Powering Up

Power up the Display Unit by pressing down the white tab for 5 seconds. A vibration will indicate the headset is powering on.

Using IrisVision: Step 2 - Wearing the Headset

The headset's buttons and touchpad will not work when the headset is not worn on your head. We recommend that you wear your prescription distance glasses while using the headset.

1. **Place the headset** over your eyes and pull the straps back over your head.

2. **Adjust the velcro straps** to achieve the best fit.

   Do not walk around while wearing the IrisVision headset.

Using IrisVision: Step 3 - Set Up Focus

Slowly spin the focus wheel on the top center of your headset to adjust the focus, similar to adjusting binoculars.

1. **After powering on your headset**, it should automatically show Focus mode. It contains an image with beach chairs. If you are not in Focus mode, press the mode button until you hear "Focus" and see the large bold letters.

2. **Reset the focus** by rotating the wheel as far left as possible.

3. **Slowly begin adjusting it** by rotating the wheel towards the right until the object is in focus. You can rotate the wheel in either direction as needed.

4. **Pick an object** at least 4 feet away to look at through your screen. Try looking at a picture on the wall or a family member's face.

**Focus
Wheel**

**Mode
Button**

Note: You can change the **brightness** in every mode to increase or decrease the brightness of the screen. See Voice Commands on page 40 for details.

Using IrisVision: Step 4 - IrisVision Modes

Your IrisVision headset is shipped with five modes activated: Focus, Scene, Reading, Reading Inverted and Television.

After adjusting the focus wheel, press the mode button to enter the first mode called the Scene. Press once more to enter Television. IrisVision also has the capability of enabling 9 additional modes:

1. **Focus** (page 28)
2. **Scene** (page 49)
3. **Scene with Bubble** (page 50)
4. **RP** (page 52)
5. **Television (**page 53**)**
6. **Bioptic** (page 54)
7. **Reading** (page 57)
8. **Reading Inverted** (page 58)
9. **Reading Line** (page 59)
10. **Reading Green** (page 60)
11. **Reading Yellow** (page 61)
12. **IrisReader** (page 62)
13. **Photo Gallery** (page 63)
14. **Video Player** (page 66)

Using IrisVision: Step 5 - Zoom In / Out

IrisVision allows you to magnify your live view.

1. **Locate the touchpad.** The touchpad is located on the right side of the headset under the mode and snapshot buttons.

2. **Place** your right index finger on the touchpad. We recommend putting your hand in a fist with your index finger pointed out to steady your hand on the touchpad.

3. **Zoom In:** Use your index finger to make a slow swiping motion on the touchpad straight towards your ear to increase magnification. **Important: you must take your finger off the touchpad between each swipe.**

4. **Zoom Out:** To decrease magnification, use your index finger to swipe slowly on the touchpad straight away from your ear.
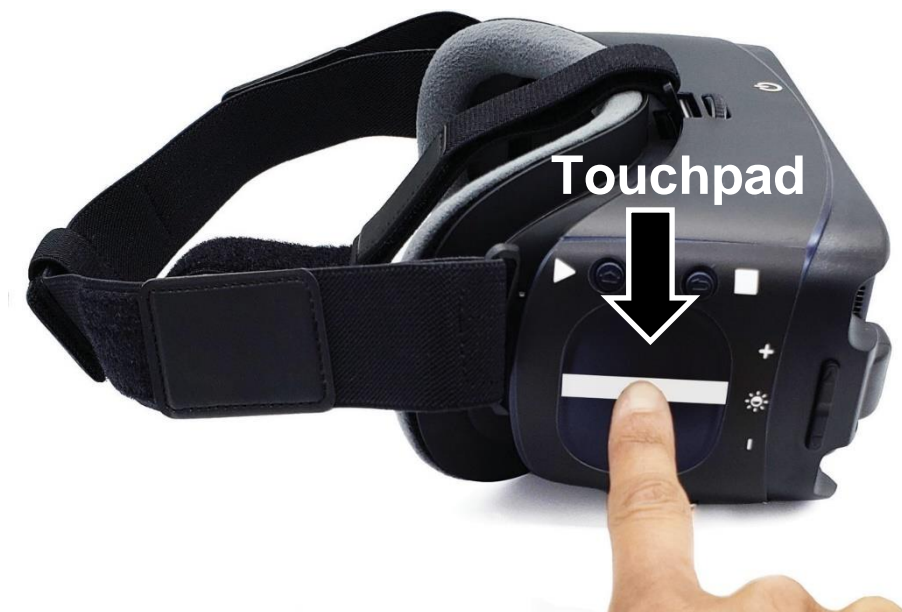
Touchpad

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Zoom In"**

- **Say "Zoom Out"**

- **Say "Set Zoom X" X = value between 1-12.**

- **Say "Max zoom" - zooms in to 12x magnification**

- **Say "Low zoom" - goes back to 1x magnification**

- **Say "Zoom" – gives the current magnification level**

Snapshot

The Snapshot button allows you to save a photo of your view in any Live Mode. A list of the live modes can be found on page 31.

1. **Locate Snapshot:** The Snapshot button is located to the left of the Mode button.

2. **Press the Snapshot button**: you will see the image you are viewing freeze, and a yellow camera icon will appear in the top right corner of the screen.

3. **Magnify the Image:** zoom in or out by swiping on the touchpad.

4. **Pan:** move your head up, down, left, and right. So, you can get a better look at a specific part of the snapshot.

5. **Save**: Press the snapshot button again to prompt the save or discard screen. Swipe up on the touchpad to save and swipe down to discard. <u>View your saved Snapshot by cycling to the Photo Gallery mode.</u>

 Note: Snapshots can be taken only in <u>Live View Modes</u>.

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Take Snapshot"**

- **Say "Exit Snapshot"**

Snapshot Button

Voice Commands

Voice Commands

Note: **Activate voice prompt and give the command – remember to wait for the beep or microphone to appear.**

General Commands:

- **Say "IrisVision Assistant"** – Gives general instructions on how to use the IrisVision headset controls.

- **Say "Voice Command Help"** – Instructions on how to use voice commands.

- **Say "Go to Sleep"** – Displays a prompt to put the headset to sleep.

- **Say "Shut Down"** – Displays a prompt to turn off the headset.

Information Commands:

- **Say "Info"** - Provides the current mode name, the battery level, the volume level, the magnification level, and the brightness level.

- **Say "Battery"** - Provides the current battery level

- **Say "Volume"-** Provides the current volume level

- **Say "Zoom"** - Provides the current magnification level

- **Say "Brightness"** - Provides the current brightness level

- **Say "Mode Name"**- Provides the name of the current mode

- **Say "Serial Number"**- Provides the serial number of the headset.

Mode Navigation Commands

Note: **if a mode is disabled, you, will not be navigated to that mode**

- **Say "Next"** – navigates forward to the next mode
- **Say "Back"** – navigates to the previous mode
- **Say "Scene"** - navigates directly to Scene mode
- **Say "Scene w/ Bubble"** – navigates directly to Scene w/ Bubble mode
- **Say "RP"** – navigates directly to RP mode
- **Say "Television"** – navigates directly to Television mode
- **Say "Bioptic"** – navigates directly to Bioptic mode
- **Say "Reading"** – navigates directly to Reading mode
- **Say "Reading Inverted"** – navigates directly to Reading Inverted mode
- **Say "Reading Line"** – navigates directly to Reading Line mode
- **Say "Reading Green"** – navigates directly to Reading Green mode
- **Say "Reading Yellow"** – navigates directly to Reading Yellow mode
- **Say "IrisReader"** – navigates directly to IrisReader mode
- **Say "Photo Gallery"** – navigates directly to Photo Gallery mode
- **Say "Video Player"** – navigates directly to VideoPlayer mode

If you want a mode activated that is not responding, please email support@irisvision.com or see Configuration Guide.

Adjusting Zoom / Magnification:

- **Say "Set Zoom" + <number>** - sets magnification to a specific level (1 to 14). **Example:** Say "Set Zoom to 7"

- **Say "Zoom In"** - increases magnification by 1 (max 14)

- **Say "Zoom Out**- decreases magnification by 1 (min 1)

- **Say "Max Zoom"** - sets magnification to the highest level.

- **Say "Low Zoom"** - sets magnification to the lowest level.

Adjusting Brightness:

- **Say "Set Brightness" + <number>** - sets brightness to a specific level (1 to 15). **Example:** Say "Set Brightness to 8"

- **Say "Increase Brightness"** - increases brightness by 1 (max 15)

- **Say "Decrease Brightness"** - decreases brightness by 1 (min 1)

- **Say "Max Brightness"** - sets brightness to the highest level.

- **Say "Low Brightness"** - sets brightness to the lowest level.

Mode Navigation Commands - continued

Adjusting Volume:

- **Say "Set Volume" + \<number\>** - sets volume to a specific level (1 to 15) **Example**: Say "Set Volume to 10"

- **Say "Increase Volume"** - increases volume by 1 (max 15)

- **Say "Decrease Volume"** - decreases volume by 1 (min 1)

- **Say "Max Volume"** - sets volume to the highest level

- **Say "Low Volume"** - sets volume to the lowest level

Adjusting Contrast:

- **Say "Set Contrast" + \<number\>** - sets contrast to a specific level (1% to 100%)

- **Say "Increase Contrast"** - increases contrast by 5%

- **Say "Decrease Contrast"** – decreases contrast by 5%

- **Say "Max Contrast"** – sets contrast to the highest level

- **Say "Low Contrast"** – sets contrast to the lowest level

- **Say "Reset contrast"** – sets contrast to 50% (default)

<u>Adjusting Text-to-Speech Speed (applies to all modes):</u>

- **Say "Increase speed" –** increases the speed of the read out

- **Say "Decrease Speed" –** decreases the speed of the read out

<u>Enabling /Disabling Voice Prompts:</u>

- **Say "Enable voice prompts"** - enables voice prompts for speech notification – as "device inserted correctly", "charging confirmation", "battery level", etc. .

- **Say "Disable voice prompts"** - disables voice prompts for speech notification.

  NOTE: You will not hear a notification for device inserted correctly or charging confirmation when you disable voice prompts.

<u>Mode-Specific Commands:</u>
- **Say "Help"** – gives general instructions on how to use the mode you are currently in
- **Say "Turn On Flashlight"** – turns on the flashlight (if the mode allows)
- **Say "Turn Off Flashlight"** – turns off the flashlight (if the flashlight is already on)
- **Say "Take Photo"** – takes a photo in any mode that supports snapshot
- **Say "Exit Photo"** – exits full screen photo view

<u>Television Mode Voice Commands:</u>

- **Say "Set Exposure" + <value>** - sets the exposure compensation to any of these available values:

  - ➢ **"Theater" –** Default value

  - ➢ **"Very Dark"** – 3 levels below ambient

  - ➢ **"Dark"** – 2 levels below ambient

  - ➢ **"Dim"** – 1 level below ambient

  - ➢ **"Ambient"** – normal camera exposure

  - ➢ **"Bright"** – brightest value

- **Say "Increase Exposure"** - increases the television exposure compensation up 1 level.

- **Say "Decrease Exposure"** – decreases the television exposure compensation down 1 level.

- **Say "Save Exposure for Television 1 or 2 or 3"** – saves the television exposure compensation to the defined TV preset (3 available presets)

- **Say "Set Exposure Television 1 or 2 or 3"** – sets the television exposure compensation to the value that was saved in the TV preset

- **Say "What is the current exposure?"** – gives the current exposure compensation value

IrisReader Mode Voice Commands:

- **Say "Take Photo"** - begins the OCR readout

Photo Gallery Mode Voice Commands:

- **Say "Next Photo"**- highlights the next photo in the list

- **Say "Previous Photo"** - highlights the previous photo in the list

- **Say "Open Photo"** – opens the photo for full screen viewing

- **Say "Reset Photo"** – re-centers the photo

- **Say "Exit Photo"** – exits back to the Photo Gallery.

- **Say "Delete Photo** – shows a prompt to delete the photo from Photo Gallery

VideoPlayer Mode Voice Commands:

- **Say "Next Video"**- highlights the next video in the list

- **Say "Previous Video"** - highlights the previous video in the list

- **Say "Play"** – plays the selected video

- **Say "Next Category"** – navigates to the next playlist

- **Say "Previous Category"** – navigates to the previous playlist

- **Say "News"** – navigates to the "News" playlist

- **Say "Entertainment"** – navigates to the "Entertainment" playlist

  - **Say "IrisVision"** – navigates to the "IrisVision" playlist

VideoPlayer Mode Voice Commands - continued

- **Say "Save Video"** – prompts the user to save a video to the Bookmarked list

- **Say "Remove Video"** – prompts the user to remove a video from the Bookmarked list

- **Say "Show Saved Videos"** – navigates user to the Bookmarked list

Accessing the Configuration Menu:

- **Say "Configuration Menu"** – opens the configuration menu

NOTE:
Voice Commands are set to Double Tap by default, we do have a manual Long Press option available. To activate this, please see the Configuration Menu documentation or contact Customer Support at support@irisvision.com or call Customer Support at 1-855-207-6665.

Alexa Integration!

- **You can initiate a conversation with Alexa and get real time information like:**

    ➢ **News**

    ➢ **Weather**

    ➢ **Sports Updates**

    ➢ **Facts**

    ➢ **Jokes**

    ➢ **Stories**

- **Currently not supported:**

    ➢ **Playing music or audiobooks**

    ➢ **Ongoing conversations**

    ➢ **Integration with smart devices**

    ➢ **Purchasing, Alexa echo calls**

    ➢ **Any conversation which requires opening another application. For example, "Show me directions to the nearest Wal-Mart".**

Amazon Alexa Set-up

This is intended to help you either set up your own personal Amazon account or create an Amazon account in order to use the built-in Alexa feature with your IrisVision headset. Please follow these instructions if you already have an Amazon Alexa account:

Signing into an Existing Amazon Account:

1. Make sure the IrisVison device is charged before proceeding. Once charged, power the device on.

2. Remove IrisVision Display Unit from headset.

3. Access the "IrisVision Manager" app on the Display Unit (reference page 16 for details on how to do this)

4. Look for an option that has "Amazon Account".

    a. Check "Confirm your age" then proceed to Setup Amazon Account.

    b. From here, enter your username and password from your existing Amazon account.

    c. It should take you to a page that will ask if you will allow Amazon to connect to your device.   Click allow and it should take you back to the "Amazon Account" section in the IrisVision Manager.

5. Your setup is now complete. Simply press the home button and it will go back to the main IrisVision app in about 10 seconds.

<u>Creating a New Amazon Account:</u>

1. Make sure the device is charged before proceeding. Once charged, power the device on if it is not already on.

2. Remove IrisVision Display Unit from headset.

3. Access the "IrisVision Manager" app on the Display Unit (reference page 16 for details on how to do this)

4. Look for an option that has "Amazon Account".

    i. Check "Confirm your age" then proceed to Setup Amazon Account.

    ii. Select "Create a new Amazon Account" on the bottom portion of the screen.

    iii. Fill out the form with your name, email address, and a new password for your Amazon account, then select "Create your Amazon Account".

    iv. It should take you to a page that will ask if you will allow Amazon to connect to your device. Press "Allow it".

    v. It will then ask for the location of the country you are in. Select the correct country based on your location.

    vi. After this step, it should redirect you back to the "Amazon Account" section in the IrisVision Manager App.

5. Your setup is now complete. Simply press the home button and it will go back to the main IrisVision app in about 10 seconds.

IrisVision Modes

Scene Mode

Scene Mode is your default live view mode.   This mode replicates the vivid colors and contrast of the scenery in front of you. Experience a brighter image with auto focus and zoom in up to 14 times magnification.

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Scene"**

Scene Mode with Bubble

Scene Mode with Bubble allows you to increase magnification within a section of your screen. This prevents you from losing the context of your surroundings.

1. **Increase Bubble Size**: Swipe up from the bottom of the touchpad to increase the size of the bubble.

2. **Decrease Bubble Size**: Swipe down from the top of the touchpad to decrease the size of the bubble.

3. **Magnify Bubble:** Swipe towards your ear to increase magnification inside the bubble. Swipe away from your ear to decrease magnification inside the bubble. Any changes you make to magnification in this mode will occur only in the bubble.

NOTE: To re-position the magnification bubble within configuration mode, refer to the configuration documentation. Or contact Customer Support at support@irisvision.com or at 1-855-207-6665 for assistance.

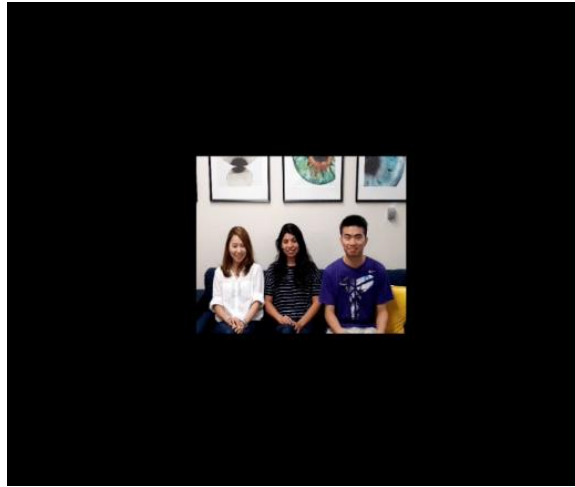# Scene Mode with Bubble - continued

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Scene with Bubble"**

RP (Retinitis Pigmentosa)

This mode allows you to change the Field of View (FOV) of the screen. This helps individuals with Retinitis Pigmentosa or Glaucoma to be able to see better by shrinking the entire image into a smaller viewing area.

1. **Increase the field of view** by swiping up on the touchpad.

2. **Decrease the field of view** by swiping down on the touchpad.

> Wait for the beep or microphone to appear before saying the word/phrase.
>
> **Double Tap on the Touchpad**
> - **Say "RP"**

Television

Television mode is great for viewing the display on your television or computer screen. To optimize your viewing experience and camera lighting, please attempt to center yourself in front of the screen when using this mode.

Television uses the camera's exposure compensation to provide the best viewing experience. Use the appropriate voice command (see page 42) to modify this setting.

There are 6 available settings: theater (default setting), very dark, dark, dim, ambient and bright.

Television has defined presets for up to 3 different televisions. Please see voice commands on page 42 for instructions on saving presets for your television.

TIPS:

- The headset will not go to sleep in Television mode unless you set it on a charging pad. Otherwise, it will stay on until the battery depletes.

- Use your magnetic braided power cable to watch Television for longer periods of time. Note, this cord SHOULD NOT be used to charge your headset. Refer to "Charging IrisVision" for details on page 19.

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

• **Say "Television"**

Bioptic

Bioptic mode positions a viewfinder at the top center of the screen that allows you to magnify a specific section without losing the greater context of the view in front of you.

1. **Turn your head** to place the viewfinder in the center of the screen to an area you wish to have magnified. This view will be enlarged in the upper portion of the screen.

2. **Adjust magnification** within the viewfinder on your screen. Swipe horizontally towards your ear to increase magnification. Swipe away from your ear to decrease magnification.

3. **Re-position the viewfinder using voice commands or** within the Configuration Menu. Use the voice command "bottom" to easily move the viewfinder to the bottom of the screen and use the voice command "top" to move it back to the top. If you need instructions on how to use the Configuration Menu please see configuration document or please contact Customer Support at support@irisvision.com or call 1-855-207-6665 for assistance.
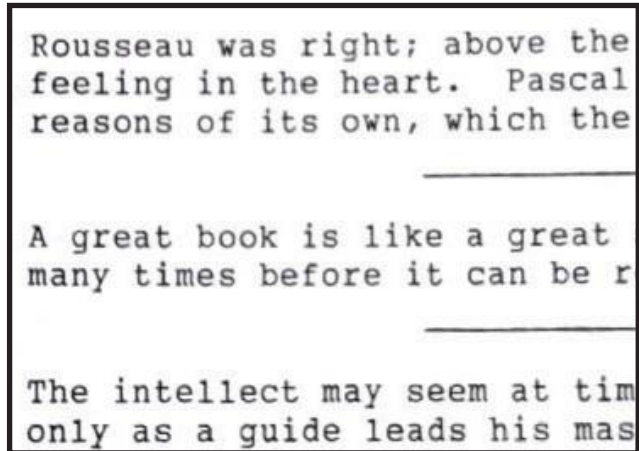
Bioptic - Continued

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Bioptic"**

Reading:

Rousseau was right; above the
feeling in the heart. Pascal
reasons of its own, which the

_____

A great book is like a great
many times before it can be r

_____

The intellect may seem at tim
only as a guide leads his mas

This mode presents reading material with black letters on a white background. It is best for reading text material like books or papers without color.

Note: For reading magazines or materials with color, it is best to return to Scene mode.
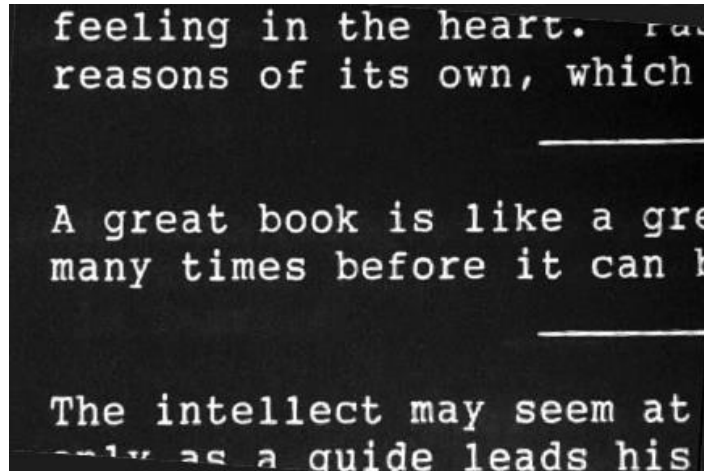
Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Reading"**

Reading Inverted:

This mode is a variation of Reading mode which provides white letters on a black background.

This enhances the contrast and provides reduced glare on the screen, which can be helpful for those overwhelmed by bright scenes.
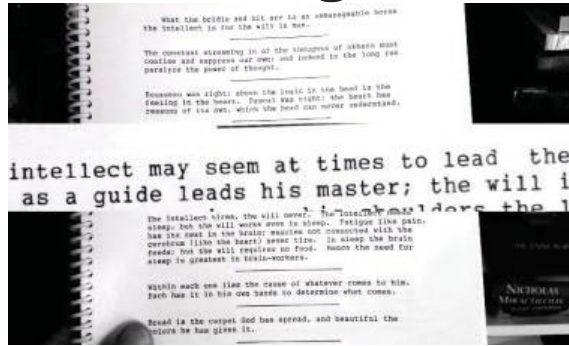
Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Reading Inverted"**

Reading Line:

The Reading Line mode presents text in black letters on a white background. It also provides a magnification bar in the center of the screen to magnify one or more lines of text while allowing a normal view above and below the bar. Increase the size of the reading line by slowly swiping up on the touchpad. Swipe down on the touchpad to decrease the size of the reading line.

1. It is best to make the reading line window large at first. Make the text large enough to read it by swiping towards your ear to zoom in.

2. Try adjusting the size of the window to isolate one line or two lines of text. This prevents common reading mistakes such as reading the same line twice or skipping a line.
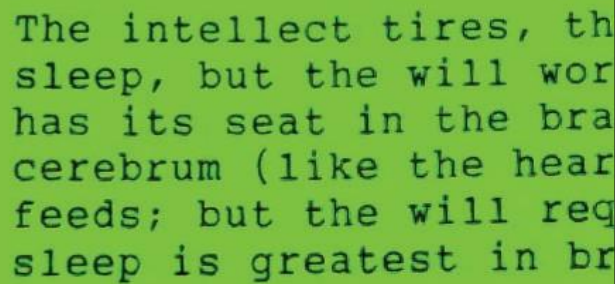
> Wait for the beep or microphone to appear before saying the word/phrase.
>
> **Double Tap on the Touchpad**
>
> • **Say "Reading Line"**

Reading Green:

The intellect tires, th
sleep, but the will wor
has its seat in the bra
cerebrum (like the hear
feeds; but the will req
sleep is greatest in br

This mode is a variation of Reading mode which shows black text on a green background. This may also help reading by providing better screen contrast without the brightness of a white background.
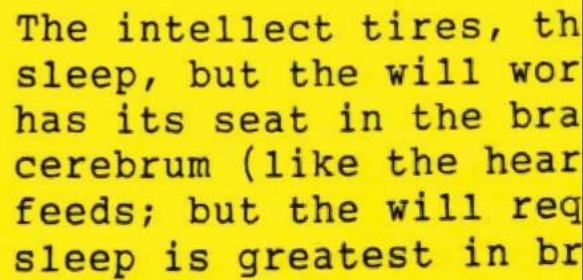
Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **: Say "Reading Green"**

Reading Yellow:

The intellect tires, th
sleep, but the will wor
has its seat in the bra
cerebrum (like the hear
feeds; but the will req
sleep is greatest in br

This mode is a variation of Reading mode which shows black text on a yellow background. It increases screen contrast without the brightness of a white background and is helpful when reading for extended periods of time.

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Reading Yellow"**

IrisReader:

IrisReader uses optical character recognition (OCR) to display captured text to the reader and will read it one word at a time. When the word is being spoken it will be highlighted on the display.

1. **Cycle to IrisReader mode** and center the text you would like to have read on the screen. If possible, bring the reading material within about 8-10 inches from your headset making sure the text is not cut off on either side of the screen

2. **Press the snapshot** button to capture the text

3. **Pause the readout** by pressing the snapshot button once

4. **Resume readout** by pressing the snapshot button again

5. **Swipe towards you** on the touchpad to rewind the readout

6. **Swipe away** from you on the touchpad to fast-forward the readout

7. **Swipe up** on the touchpad to increase the font size

8. **Swipe down** on the touchpad to decrease the font size

9. **To stop the readout at any time**, press the mode button

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "IrisReader"**

Photo Gallery

Photo Gallery mode allows you to view snapshots you have saved. The images are stored on the headset and can be exported to your computer. Please contact Customer Support at support@irisvision.com or call at 855-207-6665 for assistance.

1. **Once in Photo Gallery, Select a picture** by swiping on the touch pad. The selected picture will be highlighted in a yellow border. You can also use the voice commands "next photo", or "previous photo", to navigate through the photos.

2. **Open** the highlighted picture by tapping the touchpad once. It will appear in full screen view. Another option is using voice commands see page 43.

3. **Magnify** the selected picture by swiping away from you or swiping up.

4. **Decrease magnification** within the selected photo by swiping towards you or swiping down.

5. **Pan within the photo** by moving your head left, right, up, and down to capture the entire picture.   To reset the photo to the center, use the voice command "reset photo".

6. To exit the photo in full screen view, press the mode button once.

Photo Gallery - Continued

7. Delete a photo by first selecting it from the gallery. Once it is displayed full screen, press on the touchpad for 3 seconds to activate the delete prompt. Swipe up to delete the photo and swipe down to return to gallery.

[AZ1]

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- **Say "Photo Gallery"**

- **Say "Open Photo"**

- **Say "Exit Photo"**

- **Say "Next Photo"**

- **Say "Previous Photo"**

- **Say "Delete Photo"**

- **Say "Reset Photo"**
  resets the photo to the center if out of the field of view

VideoPlayer

VideoPlayer mode enables you to stream YouTube videos when connected to Wi-Fi. The VideoPlayer features voice-enabled search, so you can easily find, play, pause and even magnify videos using voice commands.

1. Playlists: When you first enter VideoPlayer you will see a curated playlist of "News" videos. You can use the touchpad to swipe towards you or away from you to navigate to the other available playlists. You can also use voice commands to navigate directly to one of those categories. There are 3 categories: News, Entertainment, and IrisVision which refer to the playlists of videos we have on our IrisVision YouTube channel.

2. **Scroll** through the list of available videos by swiping up and down on the touchpad. The video in focus should be highlighted yellow.

3. **Select** the highlighted video by tapping once on the touchpad.

4. **Field of View (FOV)**: Swipe up on the touchpad to increase the Field of View of the video and swipe down to decrease it.

5. **Fast-Forward** in the video by swiping away from you

6. **Rewind** a video by swiping towards you.

7. **Pause/Resume**: Tap the touchpad once to pause the video. To resume playing, tap the touchpad a second time.

8. **Return to the video list** by pressing the mode button once. To cycle to the next mode, press the mode button a second time.

9. Search: Double tap the touchpad to activate voice search. Say, "search" and the title or description of a video. For example, say "search cats" to see videos of cats. Once you have performed a search, you can still swipe laterally to navigate through the list of playlists. VideoPlayer will save the search query to another Search playlist so you can go back to your searched videos in that session. **Note:** The Search playlist only saves one query at a time, so if you say "search cats" and then say "search dogs" the Search playlist will only show the "search dogs" playlist. You will have to search for cats again to show those videos.

10. Bookmark Videos: You can save YouTube videos to a Bookmark playlist and watch them later. You can also remove the videos from the bookmark when you are done using them.

Video Player – Continued

How to Bookmark Videos

- Search for a new video you would like to watch

- Scroll down to highlight the video you would like to watch and tap once on the touchpad to select it.

- While the video is playing, or once the video has finished playing, press the snapshot button to activate a save prompt. Swipe up to save the video. You can also use the voice command, "save video", to perform the same action. Alternatively, on the scroll list screen, if you have the video highlighted you can use a voice command to activate the save prompt by using the command "save video". To access the Bookmark playlist double tap and say, "show saved videos" or swipe laterally to navigate to the new Bookmark playlist. The video which you saved should show up in its own list. The Bookmark playlist will now be displayed first over the News playlist next time you navigate to VideoPlayer.

How to Remove Bookmarked Videos

- While watching a video that is in your bookmarked video list, press the snapshot button and a prompt will appear to remove the video. Swipe up to confirm.

Video Player - Continued

Wait for the beep or microphone to appear before saying the word/phrase.

Double Tap on the Touchpad

- Say "Video Player"
- Say "Next Video"
- Say "Previous Video"
- Say "Play Video"
- Say "Save Video"
- Say "Remove Video"
- Say "Show Saved Videos"

Recommendations for Use

1. **Bubble Size:** We recommend keeping the bubble size between 20-30% while zooming in on different objects. Keeping the bubble size in this range will provide a better view of the surrounding environment. Once you have identified the object of interest, you can increase the magnification inside the bubble by swiping towards you on the touchpad. The bubble feature is only available in the Scene mode with Bubble.

   Please contact Customer Support at support@irisvision.com or 1-855-207-6665 if you would like the bubble moved to a different part of your screen. Please see the Configuration Guide.

   Remember: do not walk around while wearing IrisVision.

2. **Reading:** Hold your reading material in front of you in a normal reading position and move your head, not your arms, to scan the text. Bring the reading material as close as possible to you (approximately 6 inches away). For heavy books or reading materials, you may consider using a bookstand if sitting at a table or desk to keep the reading material steady. A reading light may also help.

Recommendations for Use

3. **Auto-Focus:** The IrisVision has a camera with automatic focus. The camera may take a second or two to adjust its focus on an object. If the camera fails to focus on an object, look away and then back at the object.

4. **Sleep Mode:** Any time you take off the headset and set it down, the headset will go into sleep mode and the screen will turn black.

   This allows the Display Unit to conserve its battery power. Turn the screen back on by putting the headset on and pressing the mode button. **The headset will not enter sleep mode when in Television mode.** It is recommended to power off the IrisVision unit when not in use. You can do so by pressing down the white tab on top of the headset for 5 seconds.

   Wait for the beep or microphone to appear before saying the word/phrase.

   Double Tap on the Touchpad

   • **Say "Go to Sleep"**

Cleaning Tips for Your IrisVision Headset

- Make sure you wipe the outer parts of the headset with a dry soft cloth or wipe. The touch pad can collect the oil from your fingers as you operate the headset, so wiping down every now and then is recommended.

- Removing the phone from the headset and wiping down with a dry soft cloth or wipe is also handy. Dust particles and smudges can collect on the screen or camera lens.

- The lens bubbles on the inside and outside of the headset itself can also be wiped down since dust particles and smudges can collect on these as well.

- The foam lining of the headset that presses up against your face is removable, as well as the Velcro straps that go around your head. Run these under warm water, use a mild soap to scrub, then rinse and air dry them.

- If using a lens cleaner, we recommend you spray it on the cloth first.   Then wipe down the headset.

How to turn off Audio Prompts

1. Double tap the touchpad then say, "disable voice prompts."

2. To enable voice prompts, double tap then say,
   "enable voice prompts."

_____

These are common apps used when calling into IrisVision for support. Settings and SureMDM Nix are in IV Setup folder.
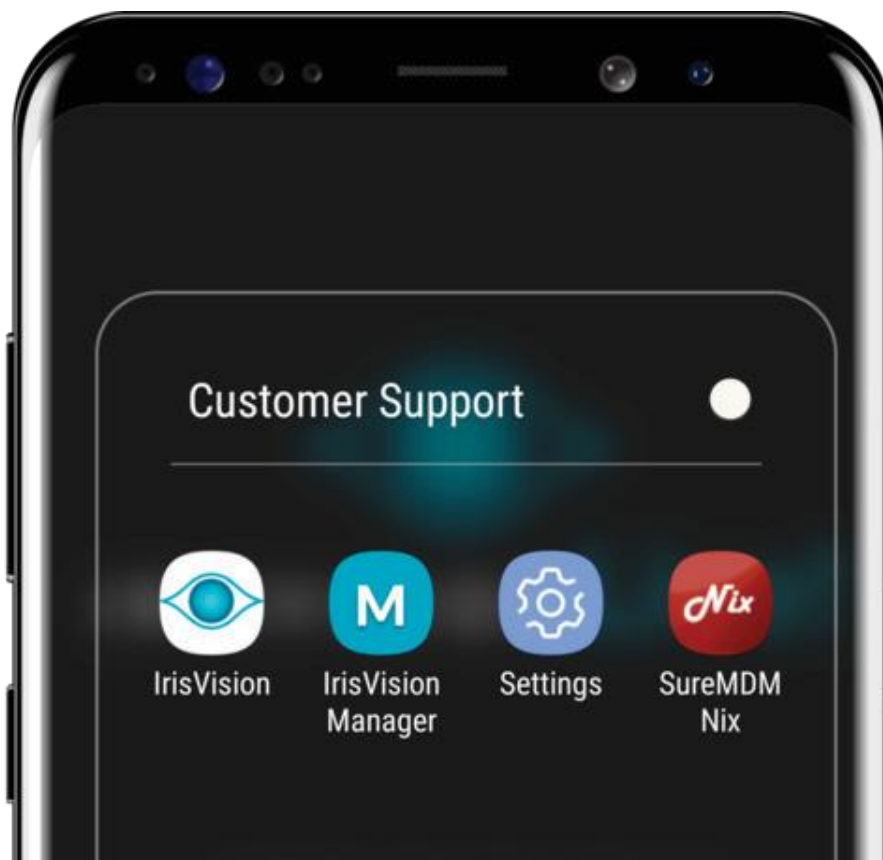
How to Turn off Your Headset

1. Hold the white power button down for **7 seconds**. You will hear 4 beeps to confirm that the headset is about to power off.

2. The screen will soon go black and the unit will power off. Once this happens your IrisVision will be off and can be put away.

3. To turn your IrisVision back on, you will need to hold the power button down for **5 seconds** until you feel the button vibrate. It will take about 45 seconds to reboot fully, then focus mode will appear to let you know it is ready for use.

> Wait for the beep or microphone to appear before saying the word/phrase.
>
> ### Double Tap on the Touchpad
>
> - **Say "Shut Down"**

IrisVision Customer Support

Speak with an IrisVision Advocate

IrisVision Advocates are standing by to assist you with any questions you may have about setting up or using your IrisVision system.

Contact Your Clinician

In cases where you have purchased the IrisVision from your clinician, he / she will be able to respond to questions more quickly and efficiently because they are already familiar with your needs.

Call Toll Free
855-207-6665

M-F 7am - 6pm PST

Email Us

support@irisvision.com

Meet Us In-Person
5994 W. Las Positas Blvd

Suite 219

Pleasanton, CA 94588

Visit Us Online
www.irisvision.com

Support Videos Available

IRISVISION

SN

CE

EC REP

Manufacturer:
IrisVision Global, Inc
5994 W. Las Positas Blvd, Suite 219
Pleasanton CA, 94588
Toll Free: 1-855-207-6665

CMC Medical Devices & Drugs S.L.
C/ Horacio Lengo Nº18
CP29006, Málaga-Spain
info@cmcmedicaldevices.com

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