

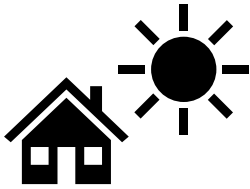
IRISVISION LIVE



User Guide

V 4.2

General Precautions



Keep away from direct sunlight



Keep dry



Never walk while wearing the IrisVision headset



Never drive while wearing the 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, which can include: nausea, motion sickness, disorientation, headaches, eye strains, blurred vision. These typically subside after an initial adjustment period.
- If you experience any side effects, discontinue use and stay seated until symptoms stop. If symptoms persist, contact your doctor.
- Do not turn on accessibility options on the display unit, or lock the screen. This will cause the device to be unable to function correctly.

IrisVision LIVE User Guide

IVS-LAB-0001 Rev B

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All trademarks are the property of IrisVision™, unless otherwise specified.

IrisVision, Global is the owner of patent 10,444,833

NOTE: By powering on your IrisVision headset, you agree to the terms of use described in the End User License Agreement (EULA), which can be found at:

www.irisvision.com/legal

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Welcome

Thank you for purchasing an IrisVision Live device. This guide provides the essential information you need to set up and use your new IrisVision Live device.

For help with specifics and troubleshooting, contact Customer Support by email at support@irisvision.com or by phone +1-855-207-6665

About IrisVision

IrisVision Live is an FDA registered Class-1 medical device 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 is Included

Your IrisVision Live device comes with the following items:

- IrisVision Live Display Unit
- Headset
- Wireless Charging Pad
- Fast Charger and Cable
- Magnetic Braided Power Cable and Charger
- Carrying Case
- Lanyard
- Direct Charging Cable
- Cleaning Cloth
- User Guide

NOTE: Optional earphones or external battery not included.

What is Included

IrisVision Live Display Unit (front and back views)



What is Included

Headset with adjustable straps



Back of headset



What is Included

Wireless Charging Pad



What is Included

Fast Charger and Cable (used with the Wireless Charging Pad)



What is Included

Magnetic Braided Power Cable



NOTE: Not to be used to charge the Irisvision Live device. See instructions for use on page 22.

What is Included

Carrying Case



NOTE: When using your device outside, take the carrying case with you. When device is not in use, please place it inside the case to minimize unintentional damage or environmental exposure.

Not Included

Earphones for watching videos are not included with Irisvision Live, but may be used with device as shown below.



Front of headset showing earphone connection port.

Setting Up Wi-Fi

IrisVision Live can be configured to connect to your Wi-Fi. A Wi-Fi connection allows our Customer Support Specialist to assist you more efficiently, as well as allowing you to use the Video Player mode.

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

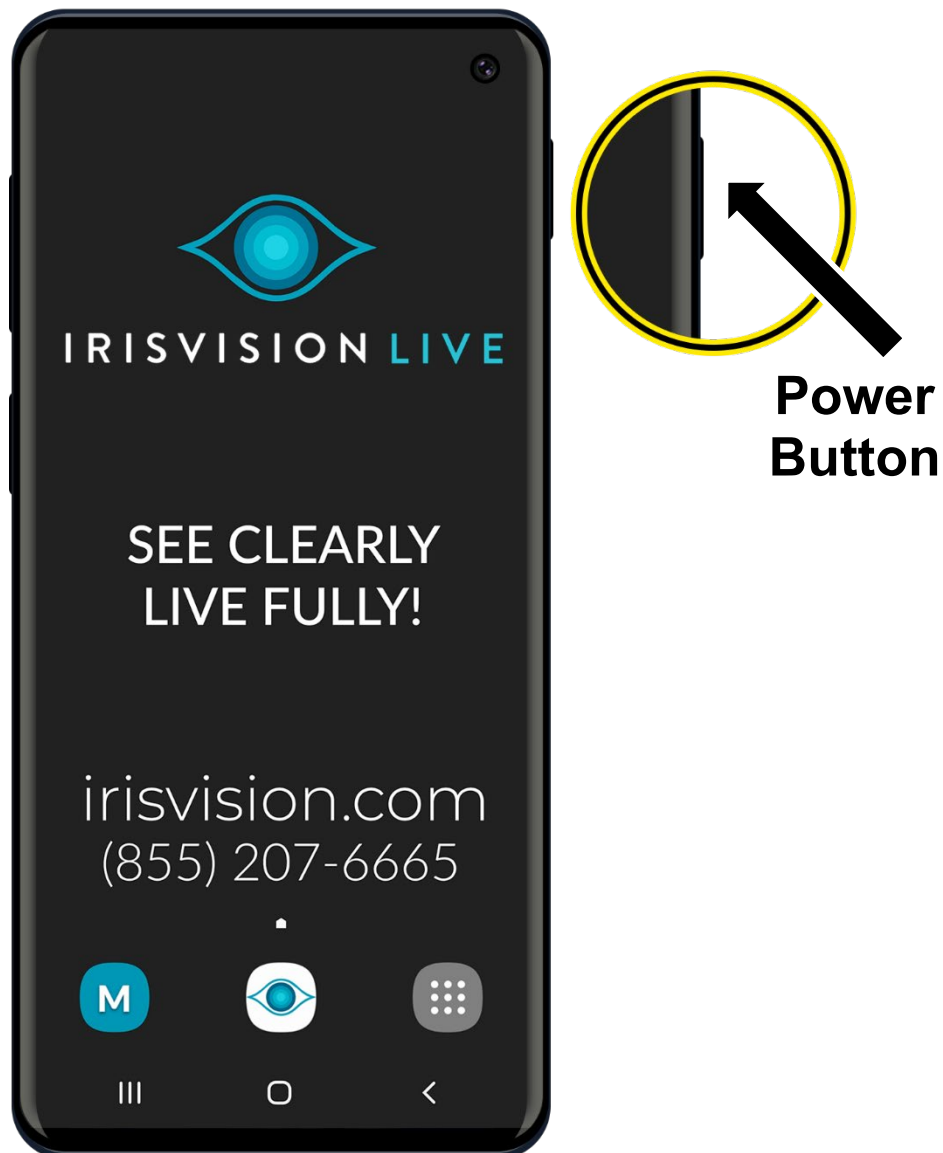
Step 1: Removing the IrisVision Live Display Unit from the Headset

Release the IrisVision Live Display Unit from the headset by pushing the clip (shown below) away from the Display Unit. Carefully remove the Display Unit and set aside the headset.

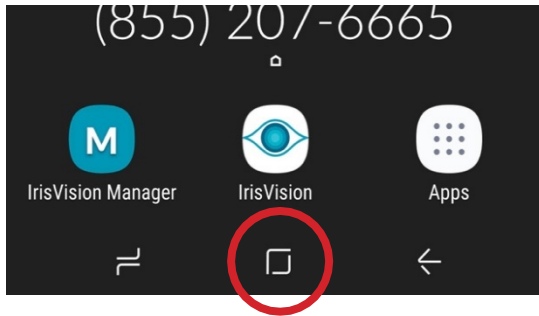


Step 2: Powering on the Display Unit

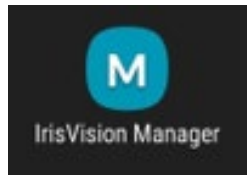
Press and hold the Power button on the right side for 5 seconds, or until you feel the Display Unit vibrate (see the picture below).



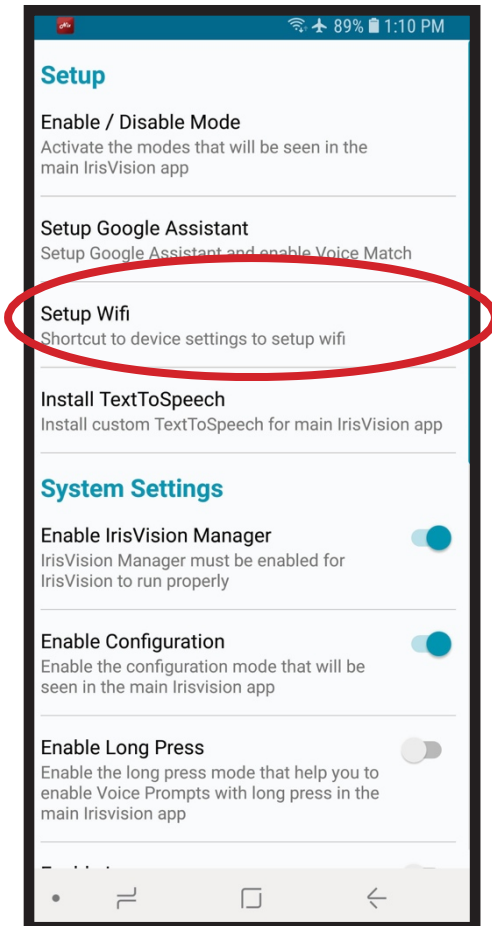
Step 3: Configuring Wi-Fi



- Go to the Home screen by swiping up from the bottom of the screen, then tap the small white rectangular box.

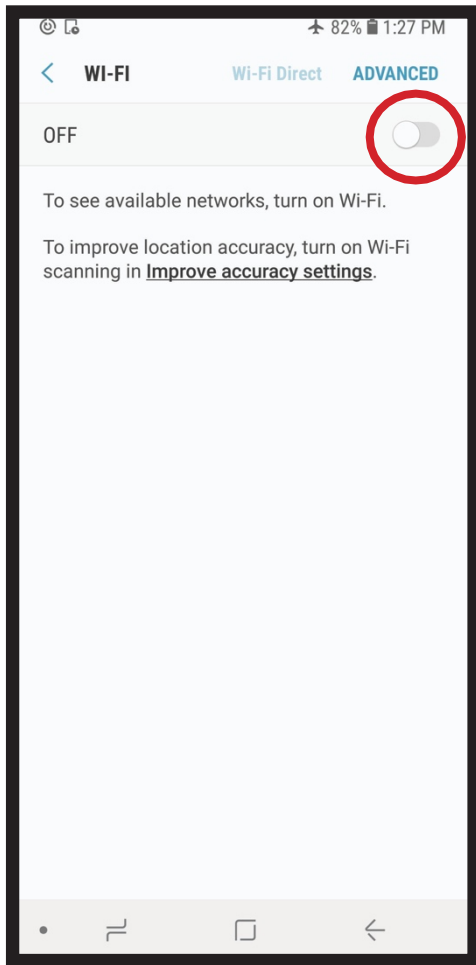


- Tap the **IrisVision Manager** app.



- Tap **Setup Wifi**.

Step 3: Configuring Wi-Fi – continued



- Turn on Wi-Fi.

Step 3: Configuring Wi-Fi – continued



- Select your network, and then enter your password.

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

Step 4: Connecting the Display Unit to the Headset

1. Insert the Display Unit into the headset by matching the yellow dots as shown below.



2. Securely lock the Display Unit into the headset by pushing the Display Unit against the spring lock, as shown below.



NOTE: When the Display Unit is connected correctly to the headset, if voice prompts are enabled (see page 42), it will say “**Device inserted correctly.**” If there is no verbal confirmation, the Display Unit is not connected correctly and the headset controls will not respond. Ensure that the device speaks before you close it securely into the headset.

Wireless Charging Pad Instructions

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

Notes:

- You may charge the device while the Display Unit is installed into the headset as well as charging the Display Unit by itself.
 - The headset does not go to sleep in Television mode. Charging while in Television mode is not recommended.
1. Plug the Wireless Charging Pad into an electrical outlet.
 2. Roll the Focus wheel to the right prior to removing from head.
 3. Center the IrisVision Live headset face down on the wireless Charging Pad, using the yellow dots on the headset and charging pad as a reference. If voice prompts are enabled, you will hear a verbal prompt "Wireless Power Connected" when the headset is properly placed on the charging pad.
 4. If you **DO NOT** hear this tone or see any illumination:
 - Please place the straps outside of the headset while it is charging to ensure that the sensor is not activated.
 - Remove the Display Unit from the headset and place the back of the Display Unit (not the screen) directly onto the pad instead.

Place headset facedown, yellow dot on top of the headset should line up with yellow dot on the Wireless Charging Pad.



If the IrisVision Live is powered on, you will hear a audible confirmation that the device is charging.



The screen will turn black a few minutes after you set the headset on the charger. When the Display Unit is fully charged, you will hear a verbal prompt, “Charging completed” (if voice prompts are enabled, see page 42).

The IrisVision Live's battery lasts, on average, 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 when not in use.

Powering the IrisVision Live Using the Magnetic Braided Power Cable

As an alternative to using the Display Unit battery to operate your IrisVision Live, you can connect the headset to an external battery pack (not included) using the magnetic braided power cable. This method is useful when you want to watch videos and television; it provides continuous power to the headset and will slow the draining process of the battery in the Display Unit.

NOTES:

- As long as the Display Units battery has at least a 50% charge, using this method slows the batteries discharge and allows for longer periods of use.
- This method does not charge the Display Units battery.
- The device may overheat with continuous use. If it overheats, disconnect the cable and let the device cool down.
- Do not place an overheated device on the Wireless Charging Pad until it has cooled down for at least 15 minutes.
- To remove cable from headset, tilt cable to break the magnetic hold from magnetic headset adapter.

Important! Do not use to charge your Irisvision Live Device. The Magnetic Braided Power Cable should only be connected while device is in use, in order to preserve battery life. Cord should be disconnected when device is no longer in use, to prevent damage to headset.

See page 24 for location of Magnetic Braided Power Port

Headset Overview

Snapshot
Button

Mode
Button



Touchpad

Headset Overview – continued



**Magnetic Braided
Power Cable Port**



Headset Overview – continued

IrisVision Live Display Unit



Using IrisVision Live:

Step 1 – Powering On

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



Using IrisVision Live:

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 straps and secure them using the VELCRO® brand fasteners to achieve the best fit.

NOTE: Do not walk around while wearing the IrisVision Live headset.



Using IrisVision Live:

Step 3 – 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, within 30 seconds, it should automatically go to the Focus mode. It contains an image with beach chairs. If you are not in the 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**



Using IrisVision Live:

Step 4 – IrisVision Live Modes

Your IrisVision Live headset comes with 5 default modes:

- Focus (page 28)
- Scene (page 50)
- Television (page 55)
- Reading (page 59)
- Reading Inverted (page 60)

After adjusting the focus wheel, press the Mode button to enter the first mode, called “Scene”. Press once more to enter the next mode.

In addition to the default modes, 9 other modes can be enabled:

- Scene with Bubble (page 51)
- RP (page 53)
- Bioptic (page 57)
- Reading Line (page 61)
- Reading Green (page 62)
- Reading Yellow (page 63)
- IrisReader (page 64)
- Photo Gallery (page 66)
- Video Player (page 69)

Use the Configuration Menu to enable additional modes or contact our Customer Support Specialist for assistance.

**Mode
Button**



NOTE: You can change the brightness in every mode to increase or decrease the brightness of the screen. For more information, see “Voice Commands” on page 38.

Using IrisVision Live:

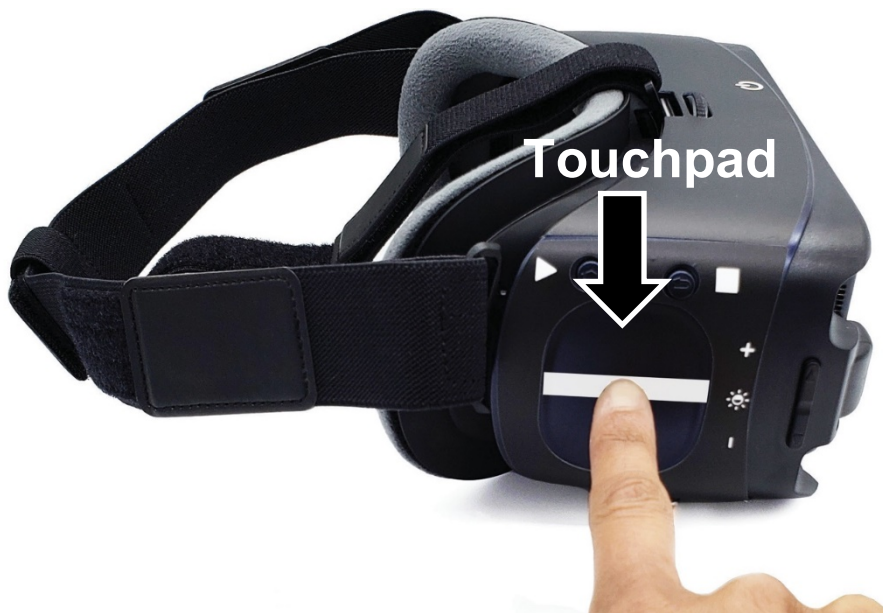
Step 5 – Zoom In and Zoom Out

IrisVision Live allows you to magnify your live view.

1. Locate the touchpad 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. To 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. To zoom out (decrease magnification), use your index finger to swipe slowly on the touchpad straight away from your ear.



Wait for the beep or microphone to appear before saying the word or 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 view mode. A list of the live modes can be found on page 30.

1. Locate the Snapshot button to the left of the Mode button.
2. Press the Snapshot button, and the image you are viewing will freeze. A yellow camera icon will appear in the upper-right corner of the screen.
3. Magnify the Image. Zoom in or out by swiping on the touchpad.
4. Pan. To get a better look at a specific area in a snapshot, move your head up, down, left, and right.
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. View your saved snapshot by cycling to Photo Gallery mode.

NOTE: Snapshots can be taken only in Live View modes.



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

Double Tap on the Touchpad

- Say “Take Snapshot”
- Say “Exit Snapshot”



How to Turn Off Your IrisVision Live

1. Double tap on the touchpad and say "Shut Down".
2. The Display Unit will prompt you to swipe up to "Confirm" or swipe down to "Cancel".

Or

Remove the Display Unit from the headset and hold down the power button located on the right side of the Display Unit until you hear a audible beep to confirm shutdown.

3. The screen will soon turn black and the unit will power off. You can then put it away.
4. To turn your IrisVision Live unit back on, press and hold down the white tab for 5 seconds until you feel the button vibrate. It will take about 45 seconds to reboot fully, and then Focus mode will appear. Your IrisVision Live is ready for use.

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



Double Tap on the Touchpad

- Say "Shut Down"

Voice Commands

Voice Commands

NOTE: Activate voice prompt by double tapping the touchpad and giving the command. Remember to wait for the audio beep or the image of a microphone to appear before speaking.

General Commands

- Say “**IrisVision Assistant**” for general instructions on how to use the IrisVision headset controls.
- Say “**Voice Command Help**” for instructions on how to use voice commands.
- Say “**Go to sleep**” to put the headset to sleep when prompted.
- Say “**Shut down**” to turn off the headset when prompted.

Information Commands

- Say “**Info**” for information on the current mode name, the battery level, the volume level, the magnification level, and the brightness level.
- Say “**Battery**” for the current battery level.
- Say “**Volume**” for the current volume level.
- Say “**Zoom**” for the current magnification level.
- Say “**Brightness**” for the current brightness level.
- Say “**Mode name**” for the name of the current mode.
- Say “**Serial number**” for the serial number of the headset.

Mode Navigation Commands

NOTE: If a mode is disabled, you will not have access to that mode. If you want to enable a mode that is not available, use the Configuration Menu or please email support@irisvision.com

- Say “**Next**” to navigate forward to the next mode.
- Say “**Back**” to navigate to the previous mode.
- Say “**Scene**” to navigate directly to Scene mode.
- Say “**Scene with Bubble**” to navigate directly to Scene with Bubble mode.
- Say “**RP**” to navigate directly to RP mode.
- Say “**Television**” to navigate directly to Television mode.
- Say “**Bioptic**” to navigate directly to Bioptic mode.
- Say “**Reading**” to navigate directly to Reading mode.
- Say “**Reading Inverted**” to navigate directly to Reading Inverted mode.
- Say “**Reading Line**” to navigate directly to Reading Line mode.
- Say “**Reading Green**” to navigate directly to Reading Green mode.
- Say “**Reading Yellow**” to navigate directly to Reading Yellow mode.
- Say “**IrisReader**” to navigate directly to IrisReader mode.

- Say “**Photo Gallery**” to navigate directly to Photo Gallery mode.
- Say “**Video Player**” to navigate directly to Video Player mode.

Adjusting Zoom / Magnification

- Say “**Set Zoom to <number>**” to set magnification to a specific level (1 to 14). Example: Say “**Set Zoom to 7**”.
- Say “**Zoom In**” to increase magnification by 1 (maximum 14).
- Say “**Zoom Out**” to decrease magnification by 1 (minimum 1).
- Say “**Max Zoom**” to set magnification to the highest level.
- Say “**Low Zoom**” to set magnification to the lowest level.

Adjusting Brightness

- Say “**Set Brightness to <number>**” to set brightness to a specific level (1 to 15). Example: Say “**Set Brightness to 8**”.
- Say “**Increase Brightness**” to increase brightness by 1 (maximum 15).
- Say “**Decrease Brightness**” to decrease brightness by 1 (minimum 1).
- Say “**Max Brightness**” to set brightness to the highest level.
- Say “**Low Brightness**” to set brightness to the lowest level.

Adjusting Volume

- Say “**Set volume to <number>**” to set volume to a specific level (1 to 15) Example: Say “**Set volume to 10**”.
- Say “**Increase volume**” to increase volume by 1 (maximum 15).
- Say “**Decrease volume**” to decrease volume by 1 (minimum 1).
- Say “**Max volume**” to set volume to the highest level.
- Say “**Low volume**” to set volume to the lowest level.

Adjusting Contrast

- Say “**Set contrast to <number>**” to set contrast to a specific level (1% to 100%).
- Say “**Increase contrast**” to increase contrast by 5%.
- Say “**Decrease contrast**” to decrease contrast by 5%.
- Say “**Max contrast**” to set contrast to the highest level.
- Say “**Low contrast**” to set contrast to the lowest level.
- Say “**Reset contrast**” to set contrast to 50% (default).

Adjusting Text-to-Speech Speed (applies to all modes)

- Say “**Increase speed**” to increase the speed of the readout.
- Say “**Decrease speed**” to decrease the speed of the readout.

Enabling and Disabling Voice Prompts

- Say “**Enable voice prompts**” to enable voice prompts for speech notification – as “device inserted correctly”, “charging confirmation”, “battery level”, and so on.
- Say “**Disable voice prompts**” to disable voice prompts for speech notification.

Mode-Specific Commands

- Say “**Help**” for general instructions on how to use the current mode.
- Say “**Turn on flashlight**” to turn on the flashlight (if the mode allows).
- Say “**Turn off flashlight**” to turn off the flashlight (if the flashlight is on).
- Say “**Take photo**” to take a photo in any mode that supports snapshot.
- Say “**Exit photo**” to exit full-screen photo view.

Television Mode Voice Commands

- Say “**Set exposure to <value>**” to set the exposure compensation to any of the following available values:
 - “**Theater**” is the default value.
 - “**Ambient**” is normal camera exposure.
 - “**Very Dark**” is 3 levels below ambient.
 - “**Dark**” is 2 levels below ambient.
 - “**Dim**” is 1 level below ambient.
 - “**Bright**” is the brightest value.

- Say “**Increase exposure**” to increase the television exposure compensation up 1 level.
- Say “**Decrease exposure**” to decrease the television exposure compensation down 1 level.
- Say “**Save exposure for television <1 or 2 or 3>**” to save the television exposure compensation to the defined TV preset (3 available presets).
- Say “**Set exposure television <1 or 2 or 3>**” to set the television exposure compensation to the value that was saved in the TV preset.
- Say “**What is the current exposure?**” for the current exposure compensation value.

IrisReader Mode Voice Commands

Say “**Take photo**” to begin the Optical Character Recognition (OCR) readout. For more information, see “IrisReader” on page 64.

Photo Gallery Mode Voice Commands

- Say “**Next photo**” to highlight the next photo in the list.
- Say “**Previous photo**” to highlight the previous photo in the list.
- Say “**Open photo**” to open the photo for full-screen viewing.
- Say “**Reset photo**” to re-center the photo.
- Say “**Exit photo**” to exit and go back to the Photo Gallery.
- Say “**Delete photo**” to delete the photo from the Photo Gallery when prompted.

Video Player Mode Voice Commands

- Say “**Next video**” to highlight the next video in the list.
- Say “**Previous video**” to highlight the previous video in the list.
- Say “**Play**” to play the selected video.
- Say “**Next category**” to navigate to the next playlist.
- Say “**Previous category**” to navigate to the previous playlist.
- Say “**News**” to navigate to the “News” playlist.
- Say “**Entertainment**” to navigate to the “Entertainment” playlist.
- Say “**IrisVision**” to navigate to the “IrisVision” playlist.
- Say “**Save video**” to save a video to the Bookmarked list when prompted.
- Say “**Remove video**” to remove a video from the Bookmarked list when prompted.
- Say “**Show saved videos**” to navigate to the Bookmarked list.

Accessing the Configuration Menu

Say “**Configuration menu**” to open the Configuration menu.

NOTE: Voice commands are set to respond to a double tap by default. A manual “long press” option is available, which once enabled, allows you to press and hold the mode button to activate voice commands. To enable this option, please use the Configuration Menu or contact our Customer Support Specialist by email at support@irisvision.com or by phone at +1-855-207-6665.

Alexa Integration

You can initiate a conversation with Alexa and get real-time information such as:

- 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 that requires opening another application. For example, “Show me directions to the nearest Wal-Mart”.

Amazon Alexa Setup

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 Live headset.

Please follow these instructions if you already have an Amazon Alexa account.

Signing into an Existing Amazon Account

1. Make sure the IrisVision Live device is charged before proceeding. When charging is complete, power the device on.
2. Remove the IrisVision Live Display Unit from the headset.
3. Access the IrisVision Manager app on the Display Unit (for instructions, see “Configuring Wi-Fi” on page 15).
4. Look for the “Amazon Account” option.
 - a. Check “Confirm your age”, and then proceed to Setup Amazon Account.
 - b. Enter your username and password from your existing Amazon account.
 - c. You will be prompted to allow Amazon to connect to your device. Select Allow, and it returns to the “Amazon Account” section in IrisVision Manager.
5. Your setup is complete. Press the Home button to return to the IrisVision app (allow about 10 seconds).

Creating a New Amazon Account

1. Make sure the device is charged before proceeding. After it is charged, you can power the device on if it is not already on.
2. Remove the IrisVision Live Display Unit from the headset.
3. Access the IrisVision Manager app on the Display Unit (for instructions, see “Configuring Wi-Fi” on page 15).
4. Look for the “Amazon Account” option.
 - a. Check “Confirm your age”, and then proceed to Setup Amazon Account.
 - b. Select “Create a new Amazon Account” on the bottom of the screen.
 - c. Fill out the form with your name, email address, and a new password for your Amazon account, and then select “Create your Amazon Account”.
 - d. It should take you to a page that will ask if you will allow Amazon to connect to your device. Press “Allow it”.
 - e. It will then ask for the location of the country you are in. Select the correct country based on your location.
 - f. After this step, it should redirect you back to the “Amazon Account” section in the IrisVision Manager app.
5. Your setup is complete. Press the Home button to return to the main IrisVision app.

IrisVision Modes

Scene Mode

Scene mode is the 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 or 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 using the Configuration menu say "Configuration" while in Scene with Bubble or contact Customer Support by email at support@irisvision.com or by phone at +1-855-207-6665 for assistance.

Scene Mode with Bubble – continued

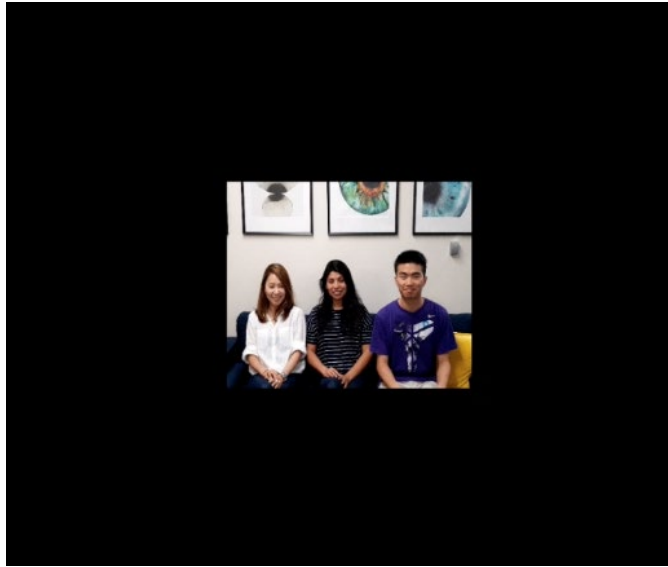
Wait for the beep or microphone to appear before saying the word or phrase.



Double Tap on the Touchpad

- Say “Scene with Bubble”

RP (Retinitis Pigmentosa)



If you are living with Retinitis Pigmentosa or Glaucoma and have reduced peripheral vision, your Field of View (FOV)—the area in which you can see objects in front of you—may be very small. You may see only a portion of what a fully sighted person sees.

RP mode allows you to change the size of the FOV such that all objects are inside your viewing area, as shown in the example image above.

To accommodate your needs and obtain optimal viewing, adjust the size of the FOV as follows:

1. Increase the FOV (make the image larger) by swiping up on the touchpad.
2. Decrease the FOV (make the image smaller) by swiping down on the touchpad.

NOTE: You can also zoom in on a particular object or entity within your FOV. For more information, see “Using IrisVision: Step 5 – Zoom In and Zoom Out” on page 32.

Wait for the beep or microphone to appear before saying the word or 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, it is best to be centered 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 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.

For instructions on saving presets for your television, see "Television Mode Voice Commands" on page 43.

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 is depleted.
- To watch Television for long periods of time, use the magnetic braided power cable connected to an external battery pack (not provided). DO NOT use this cord to charge your headset. For information on using the magnetic braided power cable, see "Powering the IrisVision Using the Magnetic Braided Power Cable" on page 22.

For more information on charging the headset, see "Wireless Charging Pad Instructions" on page 19.

Wait for the beep or microphone to appear
before saying the word or 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 area you wish to have magnified in the center of the viewfinder. 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. You can re-position the viewfinder using voice commands or the Configuration menu.
 - To move the viewfinder using voice commands, say “**Bottom**” to move it to the bottom of the screen. To move it back to the top, say “**Top**”.

Bioptic – continued

- To re-position the viewfinder using the Configuration menu, say "Configuration" while in Bioptic. For more information, please contact Customer Support by email at support@irisvision.com or by phone at +1-855-207-6665 for assistance.

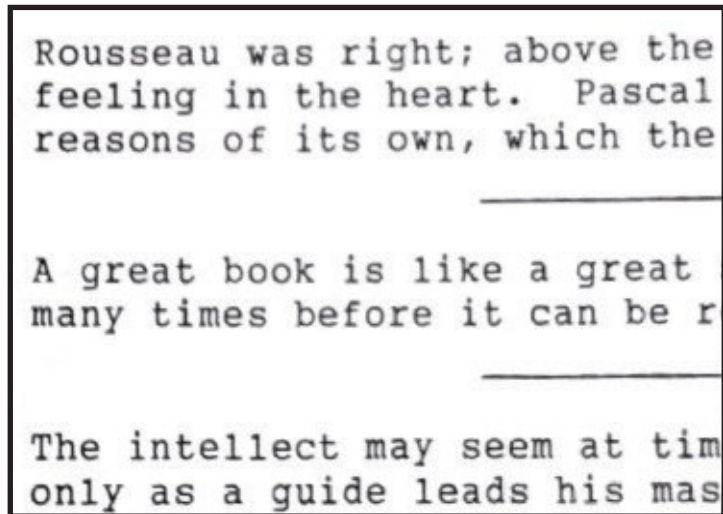
Wait for the beep or microphone to appear before saying the word or phrase.



Double Tap on the Touchpad

- Say "Bioptic"

Reading



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

NOTE: For reading magazines or materials with color, it is best to return to Scene mode.

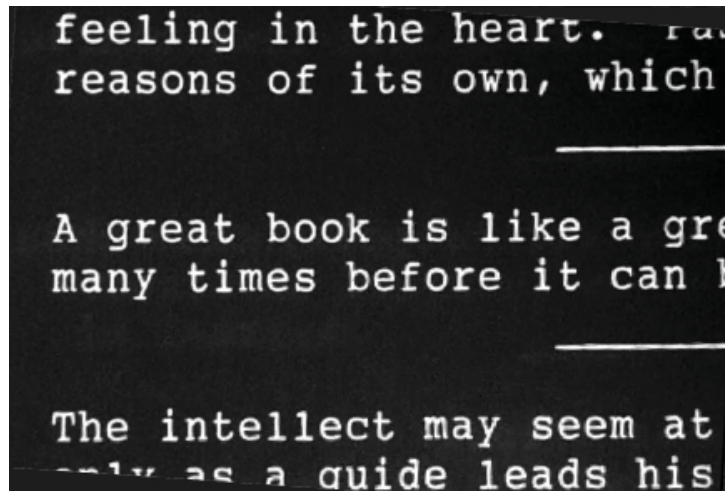
Wait for the beep or microphone to appear before saying the word or phrase.



Double Tap on the Touchpad

- Say “Reading”

Reading Inverted



Reading Inverted 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 to those overwhelmed by bright scenes.

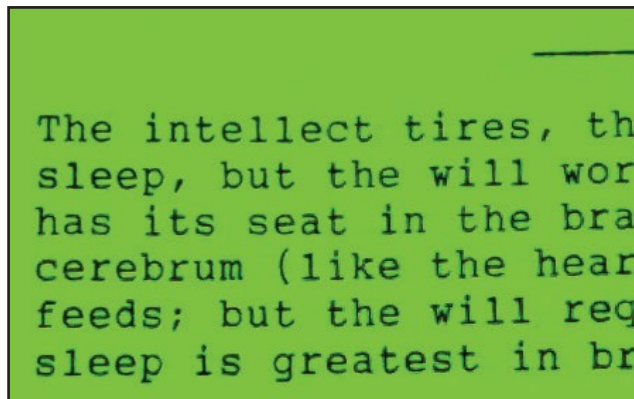
Wait for the beep or microphone to appear before saying the word or phrase.



Double Tap on the Touchpad

- Say “Reading Inverted”

Reading Green



Reading Green 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.

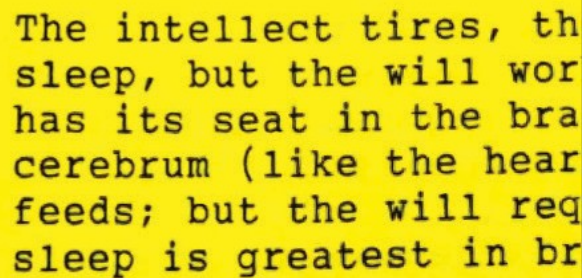
Wait for the beep or microphone to appear before



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

Reading Yellow 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 or 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 aloud one word at a time. The word being spoken is highlighted on the display. Only text visible on the screen will be read aloud.

1. Cycle to the 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.

IrisReader – continued

Wait for the beep or microphone to appear before saying the word or 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 Display Unit and can be exported to your computer. Please contact Customer Support by email at support@irisvision.com or by phone at +1-855-207-6665 for assistance.

1. In Photo Gallery mode, select a photo by swiping on the touchpad. The selected picture will be highlighted with a yellow border. You can also use the voice commands “**Next photo**” or “**Previous photo**” to navigate through the photos.
2. Open the highlighted photo by tapping the touchpad once. It will appear in full screen view. (Another option is to use the voice commands. For more information, see “Voice Commands” on page 38.)
3. Magnify the selected photo by swiping away from you or by swiping up.
4. Decrease magnification within the selected photo by swiping towards you or by 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.
7. Delete a photo by first selecting it from the gallery. When 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 the gallery.

Photo Gallery – continued



Photo Gallery – continued

Wait for the beep or microphone to appear before saying the word or 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 it is out of the field of view.

Video Player

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

1. **Playlists:** When you first enter Video Player 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 and 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.

Video Player – continued

9. Search: Double tap the touchpad to activate voice search. Say, “**Search**” and then say the title or description of a video. For example, say “**Search cats**” to see videos of cats. After you have performed a search, you can still swipe laterally to navigate through the list of playlists. Video Player 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 saves only one query at a time; 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 finished 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 when 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 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 Video Player.

How to Remove Bookmarked Videos

To remove a bookmarked video, press the Snapshot button while watching the video you want to remove. When prompted to remove the video, swipe up to confirm.

Video Player – continued

Wait for the beep or microphone to appear before saying the word or 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

- **Remember: Do not walk around while wearing IrisVision.**
- **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. When 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.
- **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 you are sitting at a table or desk to keep the reading material steady. A reading light may also help.
- **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 conserves 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 that you power off the IrisVision unit when not in use. To do this, use the voice command "Shut Down".

Troubleshooting

- **Stuck on focus.** If the inputs on the headset fail to respond, such as the Mode button or Zoom, please ensure the Display Unit is inserted correctly into the headset. Reinsert Display Unit and wait to hear the "**Device Inserted Correctly**" prompt.
- **Device is unable to focus.** The IrisVision Live has a camera with automatic focus. The camera may take 1-2 seconds to adjust its focus on an object. If the camera fails to focus on an object, look away and then back at the object.
- **Double vision.** If you are seeing double vision when looking through the device, you may need to adjust your IPD setting. IPD is the distance between the two images displayed on the headset. The default IPD setting is 60. To adjust the IPD setting, say "**Configuration**", Press the "Snapshot" button to unlock IPD, using the touchpad adjust setting until you no longer have double vision.
- **Device is no longer speaking.** Voice prompts may be turned off or volume is off. Double tap the touchpad and say "**Enable Voice Prompts**". Double tap the touchpad and say "**Max Volume**".
- **Charging pad is not charging.** To ensure the Display unit has full contact with the charging pad, while wearing headset, roll the Focus wheel all the way to the right. This action allows for full contact with the charging pad.

For additional tips and answers to Frequently Asked Questions, please visit: www.irisvision.com/FAQ

Cleaning Tips for Your IrisVision Live Headset

- Wipe the outer parts of the headset with a dry, soft cloth or wipe. The touchpad can collect the oil from your fingers as you operate the headset, so wiping down at least once a week is recommended.
- Remove the phone from the headset and wipe it down with a dry, soft cloth or wipe. Dust particles and smudges can collect on the screen or camera lens.
- Wipe down the lens bubbles on the inside and outside of the headset to remove dust particles and smudges.
- The foam lining of the headset that presses up against your face and the straps that go around your head can be removed for cleaning. Run them under warm water, use a mild soap to scrub, and then rinse and air dry them.
- If you use a lens cleaner, we recommend that you spray it on the cloth first, and then wipe down the headset.

IrisVision Customer Support

Speak with an IrisVision Customer Support Specialist

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

Contact Your Clinician

If you have purchased the IrisVision from your clinician, he or she is familiar with your needs and will be able to respond to your questions more quickly and efficiently.



Call Toll Free

+1 855-207-6665

M-F 7am - 6pm PST



Email Us

support@irisvision.com



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Visit Us Online

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Support Videos Available

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