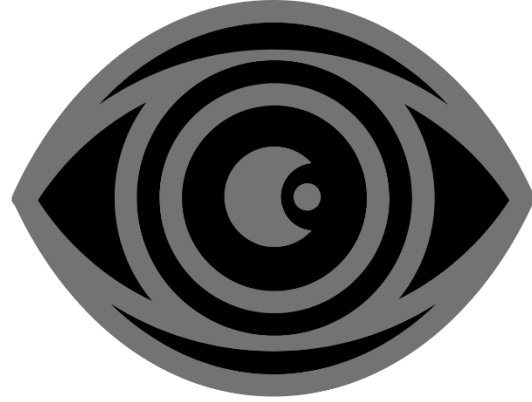




Advanced Low Vision Technology

Improving the Quality of Life

In This Presentation

- What are Low Vision Wearables
- Initial Comments and Observations
- Review the eSight GO and Vision Buddy Mini Wearables
- eSight and Vision Buddy – the Companies
- What is in the Box
- New Device Features
- Product Information
- Device Features and Functions
- How to Operate the Devices
- Product Demonstration
- Question and Answer

At The End Of This Session

- You will have a better understanding of:
 - How the devices operate
 - eSight GO and Vision Buddy Mini features and functions
 - How the devices may benefit low vision individuals

Initial Comments

- There is no perfect assistive device on the market today
- New and updated devices are coming on stream every year
- The technology for assistive low vision devices is changing rapidly
 - Introduction of artificial intelligence (AI)
 - Improvements in other features and functions
 - Lighter in weight
- The goal for assistive technology and wearable headsets is to improve the quality of life for the individual user in their day to day, work, or school setting
- Each individuals eye situation is different and what device that works for one individual may or may not work for another, it is a case by case basis

How Wearable Devices Assist with Daily Activities

- Functional vision is enhanced in real time by
 - Use of high-definition cameras
 - Digital magnification
- Allows users to maintain hands-free mobility
 - Reading documents
 - Viewing presentations
 - Seeing colleagues' faces
- Stream video directly into the user's line of sight
 - Laptop & Desktop computers
 - iPad and Android tablets
 - iPhone and Android phones
- AI converts text into speech

Wearable Devices Core Benefits

- Restored Autonomy – can independently read:
 - Mail
 - Documents
 - Books
 - Digital Screens
- Customizable High Contrast Color Filters
 - Reduces visual fatigue
 - Increases reading speed
- Ergonomic Posture Improvement Reduces Neck and Back Strain
 - No hunching over to see a compute screen or textbook
 - Brings visual material directly to eye level
- Social and Profession Integration – allows users to look forward, maintain head movements and interact naturally with others

eSight Go & Vision Buddy Mini

- They are wearable headset devices designed to improve the daily life of visually impaired people.
 - Assist with Reading – Mail, Documents, and Computer Screens
 - Assist with Watching TV
 - Assist with Facial Recognition
- They both have better success with individuals that have central vision loss.



eSight Go



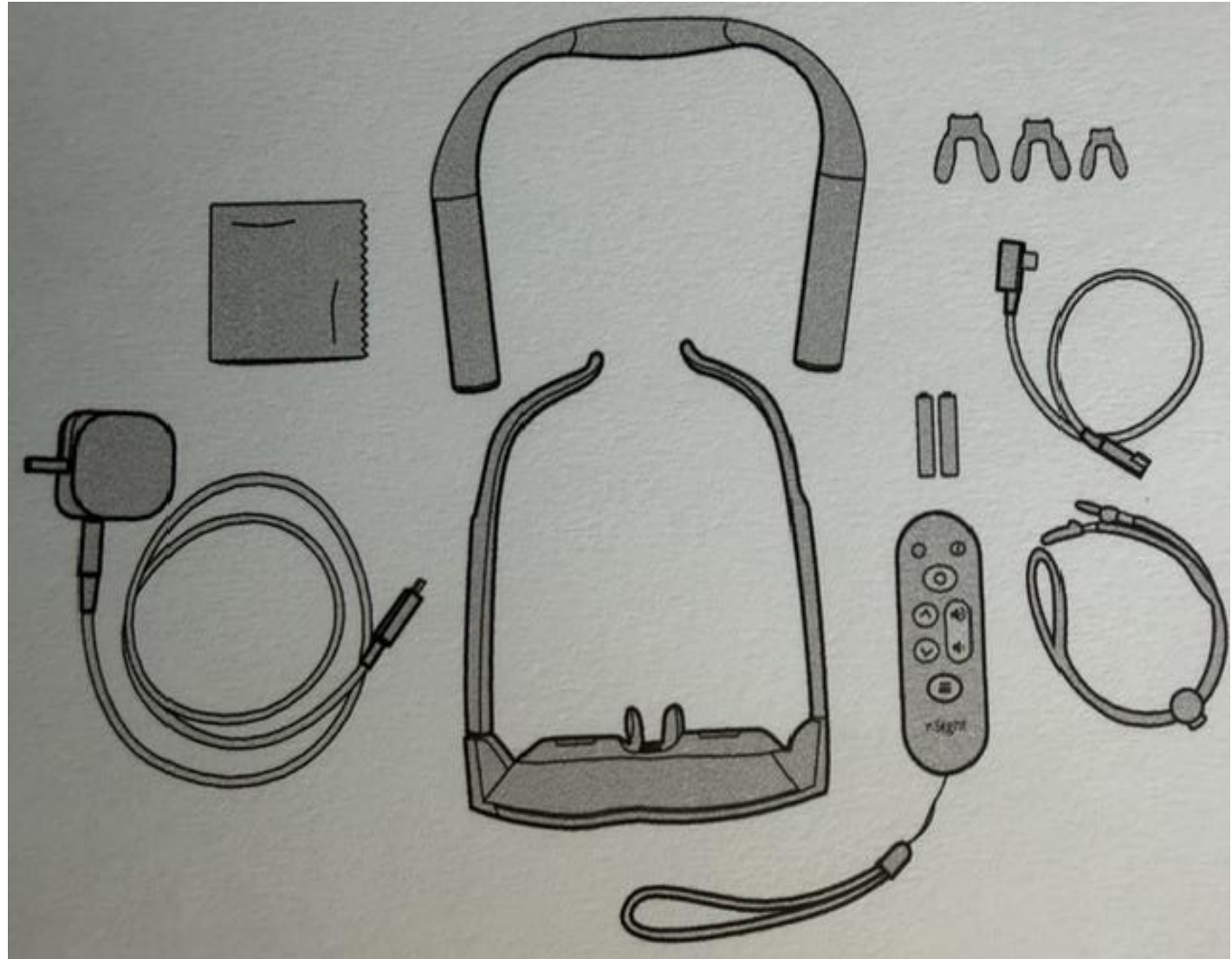
Vision Buddy Mini

About eSight and Vision Buddy

- eSight was purchased by Gentex, based in Michigan and Vision Buddy, is based in California with operations in Las Vegas
- Both companies have been aggressive and consistent in improving, upgrading and making their devices easier to use
- Upgrades and New Features
 - eSight
 - Replaced the eSight 4 with the eSight GO
 - Smaller footprint and less conspicuous than previous models
 - Added tilt feature
 - Coming soon – head mounting strap to improve comfort
 - Vision Buddy
 - Added the Mini top to their lineup
 - Smaller footprint, less conspicuous, less weight
 - Added voice commands and AI features
 - Coming soon – larger buttons to make it easier to use

eSight Go In the Box

- - eSight Go device
- - Neck battery pack with rechargeable battery
- - 1.5-foot USB-C cable to connect device to neck battery pack
- - Remote control with two AAA batteries - AC power adapter with six-foot USB-C cable for charging
- - Four adjustable nose pieces (one pre-installed)
- - Microfiber cleaning cloth
- - Neck lanyard
- - Quick Start Guide Safety Guide Protective carrying case



eSight Go Product Information

- Type – Wearable headset
- Warranty -1 year
- Zoom – Up to 24x with 45-degree field of view
- Battery – 2 to 3 hours usage and 1.5 hours to re-charge
- Weight – approximately 6.3 oz
- Prescription lenses available
- Operates manually or with handheld controller
- 5 standard modes
- Does not cut off peripheral vision
- Price - \$4,950 plus shipping

eSight GO Main Modes

- Magnification – Up to 24x
- Color filters
 - Full color
 - High contrast Black and White
 - Inverted – White on Black
 - Selective Pallet –Yellow on Black, Yellow on Blue and Green on Black
- Contrast
- Volume
- Tilt - allows user to read without looking down at reading material on a desk, table or in their lap
- Exposure – Allow user to customize brightness and compensate for glare or dim indoor lighting

eSight GO Settings, Connectivity & Support Menu

- Settings
 - Brightness control
 - Flicker Control – change display to refresh frequency
 - Language – English, Spanish, French, German, Arabic
 - Reset to default settings
- Connectivity
 - WiFi – used for software updates
 - Bluetooth – connects headset to eSight mobile companion app and handheld controller
- Support
 - About – Model, Serial number, Software Version, MAC address
 - Software – check for update
 - Factory Data Reset – go back to original out of the box factory state

eSight GO – Headset Operating Functions

- Go to my website - www.advancedlowvisiontechnology.com
- Click on eSight at the top of the page
- Click on [**Click to view operating functions of the eSight GO**](#)

eSight GO Demonstration



Vision Buddy Mini – In the Box



Vision Buddy Mini Product Information

- Type – Immersive Wearable VR headset
- Warranty -1 year / 2 years for VA
- Zoom – Up to 10x with 90-degree field of view
- Battery – 2 to 3 hours usage and 2 hours to re-charge
- Additional external battery adds 5 to 6 hours of usage time
- OCR – takes picture of a document and reads back aloud
- Wear your own prescription glasses if the lens are not too large
- Voice commands
- Focus adjustment
- Weight – approximately 12.3 oz
- 4 standard modes
- AI feature – requires WiFi connection
- App – Make color adjustments and connect to WiFi
- Price - \$4,495 plus shipping

Vision Buddy Main Modes

- Magnification in Color up to 10x
- TV – Streams content directly into headset via TV hub
- Reading with Color Filter Options
 - Full color
 - High contrast Black and White
 - Inverted – White on Black
 - Selective Pallet –Yellow on Black, Yellow on Blue and Green on Black
- Computer Link – Stream in content via cable
 - Connect to Laptop or Desktop
 - Connect to iPad or iPhone
 - Connect to Android tablets and phones

Vision Buddy Voice Commands

- Commands that work anywhere
 - Zoom (1 to 10)
 - Brightness (1 to 10)
 - Contrast (1 to 10)
- Mode Commands
 - Magnify
 - Reading
 - Television
 - Computer
- While in TV Mode
 - Standard
 - Vivid
 - High
- While in Reading Mode
 - Standard (Full Color)
 - Black (Black and White)
 - Inverted (White on Black)
 - Selective Pallet – Yellow (Yellow on Black), Green (Green on Black)

Vision Buddy Smart AI

- New AI feature is being updated on a routine basis
- Getting started with the Smart AI feature (currently in Beta testing)
 - Download Vision Buddy app onto your smart phone
 - Connect to WiFi on the app
- Activate the feature by pressing the zoom in button for 2 seconds and you will get a beep prompt, then say “Hey Buddy”
- Ask questions
 - Describe the scene
 - Read the document

Vision Buddy Mini – Headset Operating Functions

- Go to my website - www.advancedlowvisiontechnology.com
- Click on Vision Buddy at the top of page
- Click on [**Click to view operating functions of the Vision Buddy Mini**](#)

Vision Buddy Mini Demonstration

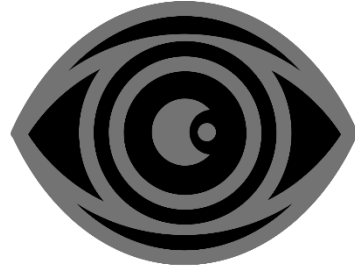


Q & A

More Information

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- eSight website - <https://www.esighteyewear.com/>
- Vision Buddy website - <https://visionbuddy.com/>

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