Envision Glasses Features

The Envision Glasses are a wearable assistive device that allows users to independently access the world around them in a way that is convenient, handsfree, and discreet. Envision Glasses make everyday life more accessible for those with visual impairments by using Envision's award-winning AI-technology to turn visual information into speech.

READ FEATURES

Scan Text

Read long, dense and complex pieces of text. This feature works by first taking a photo of the text. You are provided with audio guidance to help position the text correctly. This photo is then processed and spoken out as paragraphs. You can scroll through paragraphs to read at your own pace. This feature is ideal for reading official documents, letters, menu cards, and more.

Internet required

Instant Text

Read short pieces of text around you instantly. This feature uses a video feed to detect text in front of the camera and speaks it out. It works without the internet for Latin-based scripts and with the internet for all other scripts. This feature is ideal for reading short pieces of text as found in room numbers, signs, book covers, etc.

Internet not required

Batch Scan

Read multiple pages of text in one sitting. This feature allows you to scan multiple images consecutively. This is then processed and spoken out as paragraphs and pages that you can scroll through at your own pace. This feature could be used for reading multi-page documents such as magazines and books.

Internet required

Handwritten Text

Read all kinds of handwritten text. This feature is built into the Scan Text feature, so follow the same steps and it will automatically recognise the handwritten text as well. You can use this to read handwritten notes or greeting cards that you might receive.
Internet required

Export Text

Export any text you scan directly to your phone. Once you have processed a picture using Scan Text, you can export that text to the Envision Library within the Envision App on your phone. This exported text can be saved for reading later or for sharing with others. This feature is ideal for saving and sharing interesting stories or food recipes that you read.
Internet required

Language Detection

Listen to a piece of text being spoken out in the correct language and voice. This option can be turned on within Scan Text and Batch Scan if you're reading text that could be in a different language than your system language. If the same piece of document has multiple languages, the voice will automatically switch between paragraphs. Use this if you come across multi-lingual documents or when you're travelling abroad.
Internet required

CALL FEATURE

Call an Ally

Video call a friend or family and have them see what you're seeing through the camera. You can add a list of your close friends and family members as an Ally through the Envision app. The friends and family can then receive the video call through a free companion app called Envision Ally, just as they would receive a FaceTime or WhatsApp call. This is ideal for situations where the AI functions are not entirely helpful, like venturing into a new location or shopping at a mall
Internet required

IDENTIFY FEATURES

Describe Scene

Get a simple description of the scene in front of you. This feature works by taking a photo, which is then processed and the description is spoken out. The description is AI-generated, hence not 100% accurate but sufficient to get a general understanding of what's in front of you. This is ideal for understanding and exploring new places and environments.

Internet required

Detect Colors

Detect the color of the object in front of you. This feature speaks out the color of the object located in the center of the camera frame. Use this to pick out clothing, choose from colors, and separate laundry.

Internet not required

Recognise Cash

Recognise bank notes in multiple currencies. You can select which currency you want to recognise from a list of over 100 currencies. This is very handy when you're either paying or being paid in cash, while out and about.

Internet not required

Detect Light

Detect the intensity of light in your current environment. Audio cues help you determine how bright it is around you. A lower pitch or frequency of beeps means no light is being detected. You can use this to determine whether you're in a dark room or to find out if screen of your electronic devices are on.

Internet not required

FIND FEATURES

Find Object

Find and locate specific objects in your surroundings. Choose objects from a pre-loaded list to have an audio cue play when the object is in front of the camera. Use this to look for your misplaced bottles, laptop, coffee cup, and more.
Internet not required

Find People

Detect if there are people around you or find a specific person. This feature works by using a video feed to scan for people. A beep plays when a person is detected and the name of the person will be spoken out if their face has been taught in the Envision app. Use this to locate people around you, find friends, family, or colleagues in a public space.
Internet not required

Explore

Explore what's around you in real time. This feature uses a video feed to speak out objects and people it detects. It is a combination of the Find Objects and Find People feature. Use this to explore a new environment and get to know what's around you.
Internet not required

GENERAL FEATURES

Favorites

Quickly access a feature that you frequently use with 'Favorites'. The Favorites option allows you to add features to the main menu and can be found by swiping back when on the home screen. Add and edit your 'Favorites' in the Envision app.
Internet not required

For more information, visit: LetsEnvision.com