Visibility Scotland

# Accessible Apps for Digital Devices

## Seeing AI (iOS only)

This is a free multipurpose app, which includes many modes/functions which are similar to what the apps listed below do separately. The first option on the app is to scan "Short text" which enables you to scan text, which it will read back to you (you do not need to take a picture in this mode; it will automatically read anything under the camera). The second mode is "Document" which guides you to position the camera, and scan a full document. You can then listen to the document back, save it, and manipulate the text. The third mode is called "product" and is a barcode scanner which could be useful when shopping or organising products at home. The fourth mode is called "person" allowing you to take a photo of someone and identify how many people are in the photo, their ages, and expressions.

There are also new modes to identify currency, colors, light, scenes and even handwriting!

Try them out and see what works best for you. When using the handwriting mode, make sure you hold your phone in portrait mode, not landscape or it will not read the text accurately.

https://apps.apple.com/gb/app/seeing-ai/id999062298

# Lookout

https://play.google.com/store/apps/details?id=com.google.android.apps.accessibility.reveal&hl=en_GB&gl=US

This is the response for android by Google to the challenge set by Microsoft for iOS. Lookout delivers great OCR capabilities and direxts the person to align documents to scan. It also has the ability to identify food labels and describe objects in the surrounding area.

# TapTapSee

This is a useful app that uses the camera on your device to take a Photo. It will then send the photo out into the

internet and return it with a description of the photo. This app can be very accurate and is now a free app to use. This app is available on both iOS and Android Devices.

IOS -

https://apps.apple.com/gb/app/taptapsee/id567635020

Android -

https://apps.apple.com/gb/app/taptapsee/id567635020

## ScotTalk (IOS only)

This app is used when traveling on the bus.  The app will tell you the 10 nearest bus stops and the timetable for the stops.  It then has the ability to track your journey and will give you audio feedback of the next stop on the route. This is a free app.

https://apps.apple.com/gb/app/scot-talk/id731367966

# TextDetective / Prizmo / KNFB Reader

These apps use OCR (Optical Character Recognition). They use the camera to scan text from a letter, book, etc. They will then scan the photo and read back all of the text that it contained.

Text detective for android -

https://text-detective.en.aptoide.com/app

Prizmo iOS - https://apps.apple.com/app/id1460243446

KNFB reader iOS -

https://apps.apple.com/us/app/knfb-reader/id849732663

KNFB reader android -

https://play.google.com/store/apps/details?id=com.sensotec.knfbreader&hl=en_GB

# Digit-Eyes (iOS only)

This is an app that uses the camera to scan a barcode of a product and tell you what that product is. It also

allows you to upload the product information of unknown barcodes and will be able to recognize them the next time they are scanned.

Some supermarkets also have the ability to scan barcodes and tell you the product description. You will then be given the option to add the product to your online basket.

https://apps.apple.com/za/app/digit-eyes/id376424490

# Mag.Light / optelec / visor (iOS only)

These apps turn your phone into an E-magnifier so you can zoom into objects to magnify them.  Some apps will allow you to customize the color options such as change it to black on white or yellow on red. Some will stabilize the picture and enhance any text. These apps vary in price.

Mag. Light - https://apps.apple.com/us/app/magnifying-glass-with-light/id406048120

Optelec -
https://apps.apple.com/gb/app/optelec/id506633499

Visor - https://visor.squarespace.com/

# Light detector (iOS only)

This app detects light and will emit a high or low sound with the intensity of the light. Very handy to know if any lights have been left on.

https://apps.apple.com/us/app/light-detector/id420929143

# BeMyEyes

This app used the video calling features to make a call to a sighted person who can see what you phone is looking at. This app is free.

IOS - https://apps.apple.com/us/app/be-my-eyes/id905177575

Android - https://play.google.com/store/apps/details?id=com.bemyeyes.bemyeyes

# Ariadne / Blindsquare

These are GPS apps that have been specially designed for use with a visual impairment.  These apps can update you and your location or give you turn by turn directions to a place. Varying prices.

Ariadne ios -  https://apps.apple.com/in/app/ariadne-gps/id441063072

Ariadne android - https://baixarapk.gratis/en/app/441063072/ariadne-gps

Blindsquare iOS - https://apps.apple.com/app/blindsquare/id500557255

Alternative Navigation Apps - https://alternativeto.net/software/blindsquare/

# Soundscape (iOS only)

This is a useful navigation app that tells you additional information about your surroundings.  It uses surround sound through your headphones to announce street names and points of interest in the direction they are around you.

https://apps.apple.com/gb/app/microsoft-soundscape/id1240320677

# SuperSense

This app can be found on the Play Store has three sections when you load it up.

**READ** – Will read text placed in front of camera, may be a little buggy at times but fairly good under good light conditions and placement of text.

**EXPLORE** – Will try to identify an object in front of camera, not always successful but surprising how accurate it is when it works.

**FIND** – Along the bottom you can choose a category to what you wish to identify, person, seat, door, food and so on. Good for finding doors and seats.

iOS - https://apps.apple.com/us/app/supersense-ai-for-blind/id1484547836

Android -
https://play.google.com/store/apps/details?id=com.mediate.supersense&hl=en_GB

## Sullivan+

Very similar to SeeingAI for IOS. Has Text, colour, face recognition. Has an AI mode which will tell what scene you are pointing the camera at.
Also has a Magnifier section, PDF reader – this is where you load a PDF into the app.
https://play.google.com/store/apps/details?id=tuat.kr.sullivan&hl=en_GB

# Otter

Otter is an AI-powered assistant for someone who has a lot of meetings and interviews. If you are a person who needs to take notes during meetings, Otter can help! With Otter, you can record and transcribe meetings, and share them with other people. You can also search keywords inside your documents and upload your own notes.

Otter is a subscription-based application for individuals, teams, and education.

iOS - https://apps.apple.com/gb/app/otter-voice-meeting-notes/id1276437113

Android - https://play.google.com/store/apps/details?id=com.aisense.otter&hl=en_GB

## AccessNote (iOS only)

This is a note-taking app developed by the American Foundation for the Blind. It is fully compatible with Apple's VoiceOver function. With AccessNote, you can navigate a document by line, word, character, paragraph, or page. It offers a cursor tracking that keeps you in place.

It has input options by standard QWERTY and refreshable braille keyboards.

https://www.iaccessibility.com/apps/low-vision/index.cgi/product?ID=4

## Navilens

Navilens is an app which can scan an enhanced QR type code at a distance of over 20 metres. The code can contain a huge amount of information in multiple formats. See the Navilens website for examples of how it can be used in public settings.

The app also enables a user to print their own labels and enter whatever information they see fit.

iOS -

https://apps.apple.com/us/app/navilens/id1273704914

Android -

https://play.google.com/store/apps/details?id=com.neosistec.NaviLens&hl=en

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