

Lex

...software and camera package

Transforms the speed & ease with which blind and SEN users can read!



by



- Reads printed documents and books out loud instantly
- Foldable & Lightweight – Always take LexAir with you
- Fast – up to 20 pages per minute!!!
- Auto capture – makes capturing long documents/books easy
- Accurate – reads right into the spines of books
- Choose document colours and tints – assists reading & comprehension
- 6 Enhanced viewing modes to further help with reading
- Quickly & easily transfer documents to your MP3 player, dictaphone, MS Word, PDF etc.
- Add notes to your documents – great for revision!
- Even reads electronic documents out loud, PDFs etc.

Lex is software designed specifically for blind and SEN users & allows them to read any printed or electronic format document far more quickly and easily.

Using the latest & most accurate OCR technology, Lex enables users to quickly acquire, (via the included Lex Air camera) or import documents, (electronic files), directly into the Lex software.

Seconds later they are converted into a customised colour enhanced and magnified view, (if desired) that makes them far easier & faster to read.

Documents can then be read aloud with human sounding voices which can help enormously with comprehension rates and reading speed.

Due to the capturing speed of the Lex Air camera, entire books can be acquired and stored within minutes, (not hours as with flatbed scanner solutions) and advanced colour tinting and visual customisation options make it an ideal solution for education, work and home users.



Read faster & more easily: This is Lex's number one benefit. With automatic text formatting, speech output, advanced text visualisations and screen-by-screen reading, users can read far faster than standard dyslexia / SEN products.



Automatic multi-lingual speech output: Lex also reads your documents out loud with lifelike voices and automatically changes voice depending on the language of the document! The speech further enhances comprehension rates and reading speed.



Colour tinting: Physical coloured overlays are often used by dyslexic users when reading. Lex enables fully customisable overlays on screen with advanced tinting whilst preserving colour information.

window. Do you see those across the piazza? Those m They are quite possibly with



6 enhanced visualisations: View your captured documents from x0.1 to x2 magnification in any one of 6 visualisations. Text automatically flows from one line to the next and can be read out at any time. The unique Overlay View preserves the exact page layout and pictures, whilst fully enhancing the text, making it ideal for diagrams and tabular information.

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Image



For photographs and hand written text

Overlay



Ideal for diagrams and tabular information

Column



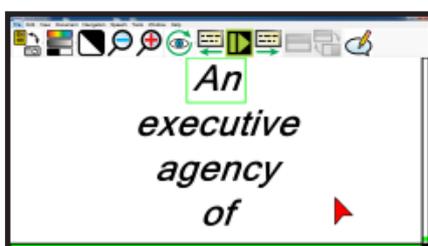
Most popular view for long text passages

Horizontal



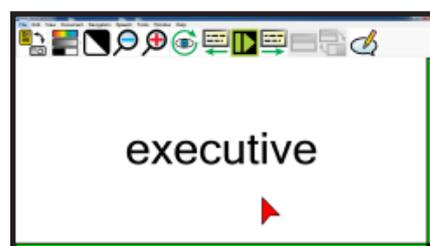
Text on a single line

Vertical



One word per line

Word



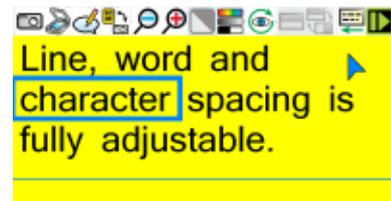
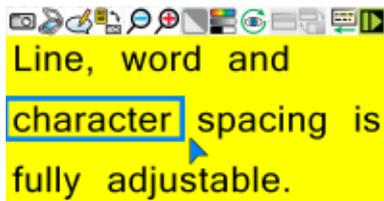
A single word on screen



Text Highlighting: 3 different highlight styles are available, all fully colour customisable to aid focus and reading.



Variable Spacing: Users can easily adjust the spacing between lines, characters and words, tweaking it for their visual requirements.



Document Storage: Capture entire text books then store & organise them on your laptop! Lex even remembers your exact place when you return to the document.



Import and export documents: Import any document – PDF, Word, Email etc & read it directly in Lex. Export your documents to Word, txt, RTF, MP3. MP3 export is very useful as a revision aid.



Annotate documents: Lex's annotation feature allows users to quickly and easily add notes or comments to particular points in their document. This is ideal for creating revision notes to refer back to at a later date.



Integrated dictionary: Lex's integrated dictionary allows instant lookup of words with fully accessible definitions, (currently UK / US only).



Speak punctuation: With this feature enabled, all forms of punctuation are verbalised. This is an excellent feature for blind users needing to check punctuation of documents, (currently UK / US only).



Easy Access Toolbar: An adjustable size and position toolbar with clear, colourful icons gives instant access to all the main controls.



Incredible document straightening abilities: Lex's advanced software straightens extremely bent spines of books, crooked documents and even 3D perspective corrects objects, meaning you get the best possible accuracy.



Windows 7 & 8 Multi-Touch Support: Documents can be zoomed, navigated & controlled even more intuitively.



Mac OS X support: Mac users running OS X 10.6 (Snow Leopard) or newer, together with VMWare Fusion 4.0 or newer with Windows 7 can enjoy all of Lex's powerful features as if it were running natively on Mac! (Windows licence required).



Lex Air Key Features:



Speed: Capture & read back documents in just 2 to 3 seconds on modern laptops. Capture at up to 20 pages per minute so entire text books can be stored in minutes!



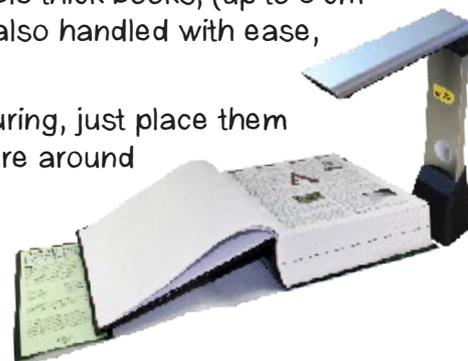
Accuracy: Lex's high resolution (5 MP) camera and latest OCR engine means the highest accuracy down to text as small as 6pt. Advanced motion detection algorithms ensure a clear image is captured every time. Lex's advanced optics also enable thick books, (up to 8 cm – 3 inches), to be captured accurately. Deep book spines are also handled with ease, unlike with flatbed scanners.



Virtual X/Y Live View: For access to documents without capturing, just place them under the Lex & move the colour enhanced & magnified picture around with your mouse!



Portability: Weighing just 500g (1.1 lbs), Lex can be set up & ready to use in seconds and it fits easily into any laptop carry bag/rucksack.



Included Accessories:

- ▶ Headphones with in-line volume control.
- ▶ White contrast mat.
- ▶ Protective drawstring bag.



Optional extras:

- ▶ Additional language packs available for over 20 different languages, (please see website for complete listing).
- ▶ Multi-user, (5 packs) available as well as site licences for schools, colleges and universities. This is an extremely cost effective purchase method which includes all language packs and unlimited site and home installations at no additional charge.

Specifications:

| | |
|-------------------------------|--|
| Magnification: | 0.1 – 2x |
| Visualisations (Views): | 6 enhanced including unique overlay view |
| Colour Modes: | Full colour, greyscale, binary and tint. Customisable combinations |
| Time to Read: | 1 to 15 seconds (hardware dependent) |
| Supported Languages: | Over 20 (please see visionaid.com website for complete listing) |
| Lex Air Capture Area: | A4 / Letter |
| Lex Air Capture Resolution: | 5 mega pixels |
| Lex Air Capture Speed: | Up to 20 pages per minute |
| Lex Air Connectivity & Power: | 1 x USB 2.0 & less than 500 milliamps at 5V |
| Lex Air Dimensions W x D x H: | Centimetres: 5.5 x 6.2 x 25.1 Inches: 2.1 x 2.4 x 9.8 |
| Lex Air Weight: | 720 grams (1.5 lbs) |

Computer Requirements:

| PC Component | Minimum | Recommended |
|--------------|---|--|
| OS: | Windows XP, Vista, 7 and 8 32 & 64 bit, OS X 10.6 (with VM Ware Fusion) | Windows 7 or 8, 32 or 64 bit OS X 10.6 or newer (with VM Ware Fusion) |
| CPU: | Intel Atom | Dual Core 1.6 Ghz |
| RAM: | XP: 512MB. Vista, 7 & 8: 1GB | XP: 1GB. Vista, 7 & 8: 1.5 GB |
| HDD: | 600 MB | 2GB |

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