

LEARNING RESOURCES CENTER

Assistive Technology: Vision

1. **C-Pen Digital Highlighter:** The highlighted text is inserted to any application you chose, just as if you would have typed it yourself using the keyboard. So regardless if you use web browsers, text applications, business software or just about any other application, the C-Pen digital highlighter does the work for you.

How does it work?

<https://www.youtube.com/watch?t=10&v=W1t7qM4ezG4>

2. **ClaroRead Plus for Mac '08:** ClaroRead for Mac supports reading and writing. Designed to be simple, easy-to-use and flexible, ClaroRead aids concentration and increases confidence. You can read practically any on-screen text out loud and improve your writing in Microsoft Word. ClaroRead Plus for Mac also lets you read aloud-scanned paper books and documents with complete clarity.

How does it work?

<https://www.youtube.com/watch?t=21&v=mKziF85pKd8>

3. **Handheld Video Magnifier by ZOOMAX:** This pocket-size electronic video magnifier is designed for people on the go! With a large 3.5" viewing screen the Butterfly is perfect for reading price labels, restaurant menus, medicine bottles, receipts and more! And because it is small and only weighs 0.25lbs it will easily fit in a pocket or purse so you can take it everywhere you go. Regain your independence outside your home with this convenient little travel companion!

How does it work? * Instruction manual included*

4. **Quicklook Zoom:** The highly versatile Quicklook Zoom handheld video magnifier is your ideal companion when on the move. Its compact design & long battery life of up to 7 hours makes it highly portable. It is very versatile including five display modes and optional lighting, which makes it suitable for a wide range of activities including reading screens on ATM's & phones.

It provides a wide magnification range up to 25x and also includes an image freeze function. This device is an ideal low vision aid for anyone who has a visual impairment.

How does it work? <http://www.ashlowvision.com/handheld-magnifier-video-magnifier-digital-magnifier-low-vision-aid-reading-magnifier/handheld-magnifier-digital-magnifier-low-vision-aid-reading-magnifier.1855.html>

5. SenseView personal magnifier: The SenseView PORTABLE handheld video magnifier is one of the most popular reading magnifiers in the world for the visually impaired. SenseView PORTABLE helps the elderly and people suffering from macular degeneration or other visual impairments read small text.

How does it work? https://www.youtube.com/watch?v=4qFBxg6t6_k

6. Shoot n' Share Projector/Camera: Now you can immediately play back your stills and videos on viewing areas as large as 65" with this pocket-sized camera and projector all-in-one. As the name implies, just Shoot 'n Share – there's no need for uploading. Intuitive sensor touch buttons are a breeze to use. One push captures 5 megapixel or 720p HD images; another click projects for all to enjoy. The rechargeable battery provides two full hours of use per charge.

How does it work? <https://www.youtube.com/watch?v=AWIJRMlxJgM>

7. Smart Beetle by HIMS: Smart Beetle is a 14-cell Braille display that brings the world to your fingertips. It's the lightest, most portable Braille display available. Take it with you to school, to work or on vacation and have reliable, discrete access to all of your mobile devices and personal computer systems. Connect to your phone, tablet, work computer, home computer and more — No unnecessary pairing or re-pairing to your Bluetooth devices required. Smart Beetle remembers five Bluetooth devices and offers a USB 2.0 connection for a sixth. Smart Beetle will connect as a Braille terminal with screen readers including JAWS, Window-Eyes, SuperNova, System Access, Voice-Over for Mac and iOS, BrailleBack for Android, Mobile Speak, and TALKS. Using Braille and speech together provides even more

options for you to navigate various document types and formats. Use the Smart Beetle's Perkins-style keyboard to emulate all the functions of a QWERTY keyboard. This eliminates translation problems with mobile devices and gets rid of the sluggishness experienced with other Braille displays and mobile devices.

How does it work? Detailed instruction manual included.

8. SmartView Nano video magnifier: The SmartView Nano video magnifier is a handy aid to those dealing with low vision. Small and compact, it can come to your aid anytime, anywhere. With up to 20X magnification, small print can be quickly enlarged to a manageable size with a simple click of a button. Use the freeze-frame function to capture an image and then bring it closer for viewing.

How does it work? *for more info visit: <http://www.vision-assist.com/#nano>

9. Talking Calculator (LRC has 2): The Big Number Talking Desktop Calculator features a large 8 digit LCD screen with numbers measuring 5/8 inch (13 mm) high making it great for low vision users. With a clear female voice, the talking calculator will speak single digits or units and whole integers. Comes with an adjustable volume control, auto power shut-off and a repeat key. The calculator will perform automatic constant calculations for 4 basic functions, along with percentage and power calculations.

10. Victor Reader Wave: Portable digital CD Player that offers telephone style keypad for direct navigation by page, heading, or bookmark number. Also has easy 4-arrow DAISY navigation such as moving by chapter, section, or page. Supports bookmarks and variable speed playback and has a variable sleep timer. Victor Reader Wave is a sophisticated DAISY talking book, MP3, and music CD player. Blind and low vision users will enjoy the familiar telephone-style keypad, tactile zones, and audio feedback for controls and navigation. Learning-disabled users will benefit from the large-screen display of navigation commands, book title, and section headings.

11. Video Magnifying Mouse- Monomouse: The MonoMouse is perfect for reading newspapers, magazines, books, prescription bottles, cooking instructions, food labels, bills, statements and much more. Installation is easy, just plug the MonoMouse into any regular television, switch it on and

enjoy reading even the smallest text as a large, sharp image on your screen. Operation couldn't be easier because you only need to switch your television to the video channel and press the large blue button on the MonoMouse. That's it, no other cables, connectors, switches or anything to worry about.

How does it work? <https://www.youtube.com/watch?v=D89eYwuQFX8>

12. Zoomy handheld digital microscope by Learning Resources:
Amazing all-in-one digital microscope takes scientific inquiry to a new level—yet is easy for even a young child to use. Hold the hand-friendly scope over an object, turn the top to focus, and then press the single control button to take videos or still images up to 43x magnification. Supports students as they record observations and investigations. This is great for lab reports, presentations and authentic assessment for digital portfolios. Sharply detailed images enrich whole-class and individual explorations. Use with your computer, projector or interactive whiteboard.

How does it work? <https://www.youtube.com/watch?v=T4YFRQrc1jg>