



Low Vision Devices Resource

There are many hardware products available to help individuals with vision loss remain independent and enjoy normal daily activities. These include:

- Handheld video magnifiers
- Transportable video magnifiers
- Desktop video magnifiers

Video magnifiers contain many features that display and magnify printed material. Some models are also equipped with optical character recognition (OCR) for reading text aloud. You can comfortably perform tasks such as:

- Reading snail mail
- Viewing photos
- Reading food packages
- Reading fine print on labels
- Filling out paperwork
- Reading books

Low vision devices provide great benefits at home, at work, and in the classroom. They increase efficiency while reducing eye fatigue. Choosing the right low vision device is specific to individual needs and preferences. Below are four of Vispero's video magnifiers, along with their features and helpful resources to use when selecting the product that is right for you.

RUBY XL HD

The [RUBY XL HD](#) is a lightweight magnifier capable of magnifying from 2x to 14x on a bright 5-inch screen. Place it directly on the page you want to read or fold out the handle to hold it like a standard magnifying glass. Other features include:

- 20 high-contrast color modes that make text very readable
- Rechargeable batteries for three hours of continuous use
- The ability to save images and transfer them to your computer via USB

Compact 10 HD Speech

The [Compact 10 HD Speech](#) offers all the benefits of a desktop video magnifier, but with a much smaller, foldable, and portable design. It is equipped with a 10-inch touch screen and three multi-purpose cameras, making it a versatile video magnification solution.

Unfold the arm to easily look at photos, write your signature, view labels on packaging, and even read round cans without being restricted in your movements. Use the swing-out arm to scan and read full pages of text. Features include:

- Cameras for reading, writing, and distance
- Ability to view and magnify text, objects, and photos



- Desktop or tablet layout modes
- Magnification 0.5x to 22x (pinch/reverse pinch)
- Capture and save snapshots
- Up to eight hours of continuous use with rechargeable battery

Merlin mini

The [Merlin mini](#) is a portable video magnifier that offers the same reading comfort and functionality as a desktop video magnifier. Its foldable, compact design makes it easy to use at home, at work, in the classroom, or on-the-go. Use it to magnify print and objects at different distances. Features include:

- Foldable full HD 1080p video magnifier with 15-inch or 17-inch screen
- Document, distance, and self-viewing modes
- Adjustable camera to read down a page without moving the book
- Unique freeze image, zoom-in, and pan features
- Up to 35 color modes
- Magnification – 1.4x to 60x on 15-inch screen (70x on 17-inch screen)
- Five-hour battery life

Transformer HD

[Transformer HD](#) is a fully integrated and portable solution, offering a high definition camera and high contrast capabilities that enable individuals with low vision to read, write, and see objects in the distance. It can also be used as a mirror, allowing you to magnify a reflection of yourself for personal grooming. Its unique portable design is perfect for school, work, or home and can be used with a variety of platforms for maximum versatility. Connect it to an external monitor via HDMI, USB 3.0, or Wi-Fi.

Features include:

- Magnification up to 30x on 24-inch LCD display
- 32 color modes to optimize contrast and brightness
- Optical character recognition and text to speech
- Record and save videos for later playback
- Chromebook compatibility

Resources

Learn more about Vispero's low vision devices by visiting these web pages:

[Enhanced Vision](#)
[Freedom Scientific](#)
[Optelec](#)