



NORTHSTATE
ASSISTIVE TECHNOLOGY



Available From:

Universal Low Vision Aids

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The Revolution

The Revolution is the first assistive device targeted to an all in one “Living Machine”. The user can toggle back and forth between the Full HD Video Magnifier, Text To Speech and Android Operating System with a push of a single button.

While in Video Magnifier mode, the 3-in-1 HD camera assists the user in tabletop, distance and self-viewing modes.

When switched to the Android Operating system, the user can simply swing up the secondary text to speech camera, open the application on the desktop and scan any full A4 document for highly accurate read back.

Since the system is a full tablet computer, the user can check e-mail, surf the internet, create documents and anything else normally done on a computer. In addition, all the applications available from the Google Play Store, or Amazon App Store can be enjoyed on the machine.

The revolutionary touchscreen interface is easy to use and highly intuitive. In addition, the accessibility features in the Android platform make the unit simple and easy to use by the visually impaired.

The Revolution takes the user to the next level. It is ideal for anyone that is wanting an all in one machine for their daily living tasks.

1.0x - 70x Magnification

Key Features:

Video Magnification:

- ◆Wide magnification: 1.0x - 70x
- ◆22" Wide Screen LCD
- ◆3 in 1 function: Reading, Distance and Self Viewing
- ◆Eight (8) color modes
- ◆Line marker/masking
- ◆Seek & find capability
- ◆Lightweight and compact design
- ◆Freeze Image
- ◆Focus Lock
- ◆Remote Control Pad
- ◆Rolling Case (Optional)
- ◆XY reading table (Optional)
- ◆Two (2) year warranty

Text to Speech:

- ◆Captures, magnifies and reads the complete page
- ◆Speech menu allows for easy navigation
- ◆Multiple text color for your reading needs
- ◆Touchscreen interface allows you to pause, maneuver and start anywhere on the screen.

Android Tablet:

- ◆Operating system Preinstalled: Android™ 4.3, Jelly Bean
- ◆Processor Nvidia Tegra 4 Quad-Core T40S
- ◆Processor6 (1.66 GHz - Dual-Core/Single-Core mode up to 1.8 GHz)
- ◆Memory 2GB DDR3–800 MHz SDRAM
- ◆Storage Flash storage: 16 GB eMMC23, Media Card Reader: SD Media Card Reader
- ◆Display 21.5" (54.6 cm) diagonal IPS full HD widescreen LED-backlit touch-enabled
 - 16:9 Wide Aspect Ratio
 - 2 point optical touchscreen using 3 cameras
 - 1920 x 1080 resolution (Full HD)
 - Up to 178° viewing angles
- ◆Audio/Visual DTS Sound + integrated audio
 - (2) Integrated stereo speakers – 2W x 2W
 - Integrated Webcam (720p HD) with built-in microphone
 - Headphone-microphone combo out (disables integrated speakers)