

SPARSH PRODUCTS

COMMITTED TO ENABLE THE DISABLE
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A. HARDWARE FOR BRAILLE PRODUCTION AND GRAPHICS

Braille Printers from View Plus, USA

Embraille (Available in September 2013)

The affordable embossing solution! Perfect for home or office use, this reliable, compact embosser produces Braille at 25 cps. Switch between single-sheet or tractor-feed paper to meet your printing needs.

Lightweight and compact, takes up little desk space

New polymer platen creates a smooth, rounded dot for improved readability

Lowest priced embosser on the market, yet it's still a powerful, reliable ViewPlus TIGER®



Tiger Premium Braille Printer

For Outstanding Braille and Tactile Graphic Production

- Automatic double-sided embossing
- High-speed braille and Tiger tactile graphics
- Onboard network port for easy connectivity



Designed to run long hours and produce outstanding results, the Tiger Premier Series is perfect for universities and school districts. These network-ready embossers make printing double-sided braille and the highest resolution tactile graphics easier than ever!

Use the Tiger Software Suite* for braille translation within Microsoft Word and Excel to create books, raised diagrams, braille math worksheets and more at the touch of a button. Or connect a notetaker directly to the embosser to simply print and go!

Tiger Premier embossers are also compatible with Duxbury and other braille software, offering users the choice to print from their favorite programs.
Tiger Desktop Braille Printers — With enhanced capabilities!

Tiger Elite Braille Printer

High-Speed Braille Production —Unmatched value and reliability

Heavy-duty hardware for high-volume production
Compact and quiet design
Automatic double-sided embossing



In a production setting where speed and performance are essential, the easy-to-use Tiger Elite Series produces high quality double-sided braille and unsurpassed tactile graphics. Fast and durable, these embossers deliver non-stop performance year after year, along with the best value of any embosser available in this price range.

Utilize the Tiger Software Suite* for braille translation, tactile graphics design and more. The Elite embossers are also compatible with Duxbury and other braille software providing seamless flexibility.

Emprint Colour Ink and Braille Embosser

Emprint SpotDot is a Braille and colour ink embosser



SpotDot® technology means:

- Prints braille and ink on the same page
- Formats Word and Excel documents to braille automatically
- Creates raised visual images on paper from anything on the computer screen
- Includes Tiger® Designer - tactile graphics design software for Windows®
- Employs Tiger® technology - the new standard in embossed tactile graphics

High Speed Braille Printing: Fastest Braille Printer of the World from N.V. Interpoint, Belgium

Interpoint 55

Interpoint 55, the hi-speed Braille embosser from M/s N.V. Interpoint, is the fastest available Braille Embosser in the market with a speed of 2,000 pages per hour.



B. BOOK READING MACHINES

1. Lex - Instant Reader and Scanner

It is a highly portable camera system that gives its users instant access to practically any physical document. Weighing just 720 grams (1.6 lbs) it is the ideal portable solution for computer users of all ability levels.

Simply place your document under the camera, press Enter on your keyboard and a few seconds later, your document is being read aloud to you, in your chosen visualisation, colour and formatting. Reading couldn't be easier



2. Readit – Instant Scanner, Reader and Magnifier

Readit Wand is for any visually impaired or blind computer user, who wants near instant, easy and accurate access to printed or electronic format documents. Just plug the lightweight camera into your PC or laptop and it instantly translates any printed text into crystal clear speech. Letters, receipts, bank statements, books, product packaging etc. are all read with ease. That means it's perfect for practically any low vision or blind user, be it at home, school or work.

- Near instant & very accurate
- Exceptionally powerful software
- Compact, stylish & lightweight
- Automatic multi-language switching
- Save, load, import, export & bookmark your documents



3. ReadEasy+

If you find reading with a video magnifier difficult or impossible, then ReadEasy+ could be the solution for you. It translates any printed text into crystal clear speech within seconds. Letters, bank statements, books, product packaging etc. are all read with ease. It has been specifically designed to be as simple as possible to set up and use. With its intuitive control system comprising just 6 buttons it is ideal for users of all ages.

- Simple to use
- Fast & Accurate
- Stylish
- Compact & Light
- Clear voices in 17 languages



3. Readit Scholar HD

It is the world's first A3 Instant Reader and Scanner for both closeup and distant objects. It also is a CCTV magnifier with Distance & Self Viewing Magnifications.

Features

Readit Scholar HD features many benefits over other digital capture systems and even more over standard laptop / desktop video magnifiers:

- Compact with a folded size of just 28 x 17 x 4.5cm (11 x 6.7 x 1.8 inches)
- Set up for document capturing, the camera is just 36 cm tall (14.2 inches).
- Automatic switching between close-up and distance viewing modes as the camera head is lifted.
- 720p (1280x720 resolution) up to 60 fps via single USB 2.0 connection (Core i3 processor required for 60 fps live view at full resolution).
- Open base design means it's easy to handwrite and read in the traditional video magnifier way, without the base getting in the way of the paper or book.
- 16 MP sensor with A3 capture area down to 6pt text
- Zoomed in, 4pt text can be captured and read with 100% accuracy.
- 21x Optical zoom (larger than any other camera)
- The camera is optically and digitally stabilised (a first for our industry) meaning the Scholar HD is far less prone to shake and wobble than any other product on the market.
- The combination of the 16 MP sensor, 21x optical zoom, optical and digital stabilisation means it can perform OCR at distance (for whiteboards and projectors) further away than a human with 20:20 vision can see - this is a unique feature again.
- Full whiteboard and projector screen capture for easy navigation with trackpad / mouse, removes the need for the end user to constantly track around the board by holding and repositioning the camera, even if OCR is not possible (on pictures or non computer based text).
- Adjustable length, integrated USB cable - again this is unique.
- Includes magnetic positioning guide with three positions: Storage, A4 (Letter), A3 (11 x 17) for easy positioning of documents for blind and well as low vision users.



C. DAISY PLAYERS

HV/AngelPro player is an extremely helpful product for the blind and visually impaired. A Lightweight, Pocket size Daisy Player, Digital Talking E-book Reader, MP3 Player, Radio and Voice Recorder that can fit into any purse or pocket.

It is a portable and powerful player which supports Daisy, TXT, HTM, HTML, WORD, EPUB, PDF, EBK and EBD MP3/Wma and more formats.

In addition, it integrates functions such as voice menu navigation, universal storage slot, radio receiver, voice recording and voice repeating into one unit. The HV player is helpful to bring more color full life essentials to the blind and visually impaired.



HVPro Player

This new upgrade text player HV Pro Daisy Player inherits the old version text player's features such as excellent audio quality, smooth text reading ability and so on. Based on those traditional features, the additional features described as below:

- With much more compact design(107x413x17mm) and easy to carry with so that user could enjoy book reading every moment
- HV Pro Daisy Player adopts advanced Yamaha output power IC, audio distortion never happens and audio quality is improved a lot
- Adopts advanced CPU processing IC, the operation speed upgraded to 423Mhz compared with previous 336Ythz
- Support various file format such as Daisy 2.0, 3.0, TXT, HTM, HTML, MHT, Microsoft DOC, DOCX, EPUB, PDF, EBK, EBD, EBE, LRC, etc. Support most of audio files, in addition audio included in the video files can be supported as well
- With built-in 4GB memory and extendable TF card slot available(maximum extension ability is up to 32GB)
- Equip with digital figure keyboard including digital figure, English letter; Blind 6- dot English input is supported
- Support file or folder search function, with jump button to search file or folder via input method
- Support build- in memory and TF card memory content copy to each other function, to copy files from one path to another path via button "#"
- During text reading, to find the position of your favor part through digital figure and page search • Alarm clock, auto switch- on and other powerful functions integrated to the text player



D. BRAILLE DISPLAYS

SEIKA MINI BRAILLE DISPLAY

16 cell Braille display with note taking features

Light, compact and Portable

Built-in rechargeable lithium battery with up to 10 hours of battery life

Perfect for note taking and reading Braille data card from a SD card while on the go

Practical features such as integrated clock and calculator

Easy access with wireless bluetooth connectivity - allows you to operate the computer from and display information on Seika mini

Bluetooth USB adaptor included

Supports international screen reading software

Applications:

Notepad: create, read and edit *.txt *.brl or *.brf files.

Reading: displays the files in the flash disk U-disk or Micro SD-card.

Clock: Set and display the system time.

Calculator: execute calculations using plus, minus, divided and multiplied.

Power Management: display battery level, Low battery alarm.

Screen Reader: working with the screen reader through USB or Bluetooth



Seika V3 Braille Display

The Seika Braille Display from M/s Nippon Telesoft Co. Ltd., Japan is the most desired Braille Display, not just in terms of economy but also in terms of efficiency and output. It has a Display System of 8 dots Braille with a Display Capacity of 40 cells. It has 8 cursor keys and its light and compact design makes it easy to carry anywhere. It is compatible with softwares like Dolphin Hal, Dolphin Supernova, Virgo, Jaws, Window-eye and has the interface support of a USB power source connection thus eliminating the need for an extra adapter.



SEIKA V5 BRAILLE DISPLAY

Seika V5 can use the Lithium-ion battery and supports a USB memory card, so that you can take Seika out. You can also connect it to your computer with a USB cable or with bluetooth. It only weighs 640 gram and is very compact. As it supports USB memory, you can read saved data, and using Seika's keys to handle fast- forward , rewind or cue. So you can take your favourite book as Braille data and read it wherever you like.

Lithium-ion battery: Lithium-ion battery for up to 6 hours use.

Bluetooth:With wireless bluetooth, you can connect with your computer a lot more easily.

External interface:There are two USB ports which enable Seika V5 to be connected to a computer as well as other external interfaces simultaneously. It gets power through either a computer or its own AC adapter.



E. BRAILLE WRIST WATCHES

These are high quality quartz watches with Japanese imported quartz movement and battery of Sony, Japan. Three tactile dots indicate 12 o'clock, two dots indicate 3, 6 and 9, one dot indicates hours in between with the Lid opening at 6 o'clock position. The product is nickel free and healthy to users' body.

They are available in 2 models for gents and ladies:

1. Gents watch is available with a blue colour dial with a metallic steel watch band.



2. Ladies watch is available with a pink colour dial and a pink colour leather strap.



F. SPARSH TACTILE MAKER

When verbally describing a concept isn't enough Sparsh Tactile Maker Takes swell paper/flexi paper and creates a tactile image.

We earlier had to import these machines in India, but now this machine is made in India and is available at a highly economical price.



G. SOFTWARES FOR BRAILLE PRODUCTION AND COMPUTER ASSISTANCE

1. Hindi OCR

HindiOCR converts printed Hindi texts into rich-text documents (RTF) in Devanagari-Unicode encoding. HindiOCR yields accurate results for a wide range of modern Hindi fonts without training, saving the time otherwise needed to type Devanagari texts.

Key features of HindiOCR

- Over 99% recognition accuracy on the character level in well printed documents.
- Built-in classifiers for the 180 most popular Hindi-Devanagari letters and ligatures - no training necessary!
- About 9 seconds per page on a standard desktop computer.
- Unicode output in Devanagari.
- Export of recognized text as Unicode-RTF.
- Hindi lexicographic information for improved recognition results.
- Training option for unusual and rare fonts.
- Processes standard image formats (bmp, jpg, png, tiff, gif).
- Works on Windows XP® and Windows 7

Braille Translator

2. Duxbury Braille Translator (DBT)

DBT provides translation and formatting facilities; automate the process of conversion from regular print to Braille and vice versa. It also provides word-processing facilities for working directly in the Braille as well as the print.

Braille Scanning Software

3. OBR - Optical Braille Recognition Software

Optical Braille Recognition is Windows based software that allows you to read single and double sided Braille documents with a standard A4 scanner. The retrieved information is presented in text (English only) that can be used in all types of Windows applications. The Braille information in a small letter or a complete Braille Book can be retrieved into computer form in the same easy way, even if you do not read Braille at all.

4. Infty Reader- OCR for Maths Equations

InftyReader is an Optical Character Recognition (OCR) application that recognizes and translates scientific documents (including math symbols) into LaTeX, MathML and XHTML! InftyReader can recognize tables including math expressions in the cells so long as the ruled lines are not broken.



5. Supernova Screen Reader Magnifier

Supernova Reader Magnifier is unique in the access aid market because it combines magnification, speech and Braille output in a single program. This benefits both individuals and establishments alike, meeting a range of user requirements. It has many advanced options and features which are not available in any other software in the market.



Mobile Talking Software

6. TALKS Mobile Software

This software enables a visually impaired mobile user to operate the mobile very effectively. It gives the audio output to the operations and makes it convenient to work with. There no requirement of any additional hardware. Also, a demo of the software for a month is available free of cost.

H. LOW VISION AIDS

Large Print Keyboard

The USB large print keyboard provides easy to see computer keys with extra large key legends for greater visibility and efficiency. Designed using low profile keys, with the largest legends available on the market. High quality keyboard rated for greater than 10 million keystrokes.



Bonita Mouse Magnifier

Mouse type magnifier is a powerful, portable, hand-held digital reading aid device designed for people with low vision. The size of a computer mouse has ergonomic design and is easy to operate. It connects directly to any TV/PC Monitor with video input port or USB port within seconds, allowing you to read news papers, magazines, recipe cards and even medicine labels. In addition, PC connection version could save snapshot pictures or video records on the PC hard disk for further review. Viewing modes include black on white, white on black, full color and high contrast.



Aumax VGA

Aumax-VGA is a flexible and portable magnifying solution. It's equipped with a high quality camera unit and easy to use. Just point the camera at where you need to see, the Aumax-VGA will bring the image to your screen.

- With the Aumed Anti-Blur™ Technology, Aumax-VGA provides clear, smooth and bright images.
- All-in-one machine for reading, writing, hand working and self-viewing etc.
- When connected to a digital projector or PC, Aumax-VGA is able to satisfy both personal and business requirements.
- The Dual control panels on the top & bottom of the camera make it easy to be operated by either the left or right-handed users.
- Matching with All Screens of VGA Connectivity



Dream Held Video Magnifier

This Handheld video magnifier is probably the slimmest and lightest of its kinds in the market, weighting only 105 grams (excluding accessories), so it is very easy to carry with you in the included carrying strap. With this you can read even in dimly lit environment through its intelligent environment light detected technology.

Convenience is always at your hand! Easily read labels, prescriptions, bills, maps, schedules, price tags, receipts, menus and so much more with the companion of this compact, lightweight handheld video magnifier.

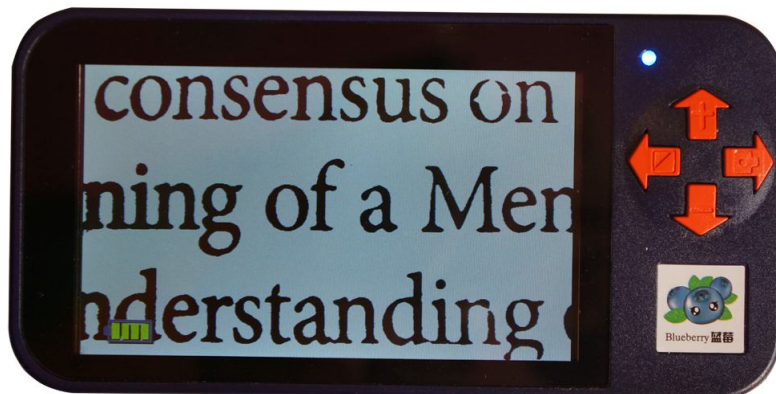


HV Hand Held Video Magnifier

HV, our first model 5" handheld video magnifier has bigger screen display and it is convenient for user to read more content on the screen. Power save mode could effectively long battery life. Its 0 distance viewing technology make contents readable even though user place magnifier flatly on reading material. 12 color display modes could meet various needs from users. Image rotation function with 180° degree further improve user application. In addition, it adopts detachable battery design provide convenience for end users.

Main Features:

- » 5" TFT LCD screen display
- » Magnification adjustable from 2 to 32 times
- » 12 color mode available for choice
- » Snap shot function
- » Power save mode
- » Screen brightness 250cd/M2
- » LED backup light
- » Output to TV



I. HARDWARE FOR PHYSICALLY DISABLED

One Hand Keyboard

Infogrip's BAT Keyboard is a one-handed, compact input device that replicates all the functions of a full-size keyboard, but with greater efficiency and convenience. The BAT is easy to learn and use. Letters, numbers, commands and macros are simple key combinations, "chords," that you can master in no time. Best of all the BAT's unique ergonomic design reduces hand strain and fatigue for greater comfort and productivity. The BAT is the ultimate typing solution for persons with physical or visual impairments.



Foot Pedal Mouse

Foot Mouse (Slipper Mouse) is the world's only foot mouse with all hand mouse functions plus double click and shortcut buttons.

Features:

- Two-level ergonomic layout of button pedal
- Easy-to-use "slipper" pointer moving around like a hand mouse
- Includes scroll roller, all mouse clicks, and a double click button
- Programmable buttons for defining any shortcuts or functions (up to 10 shortcuts/functions for each program)
- Small pop-up and closeable window on screen showing all button functions (helps feet to "see" and touch)
- Preset popular shortcuts for popular programs
- Elastic strap and Velcro ends fits any sizes of foot
- Ergonomic design of scroll roller allows heel to rest on floor comfortably and toes to turn the roller left and right (scroll screen up and down) easily
- Powered by user-friendly Neuratron software
- Compatible with most Windows and Mac OS
- Bright colors of buttons help see them under desk or in the dark

