



Product Catalogue 2021



**Simple and effective solutions for the
blind and visually impaired**

Contents

about us

About Optelec	3
Our Philosophy	4
Optelec Worldwide	5
Find us online	30

magnification



Electronic Video Magnifiers

▶ ClearView C	7
▶ ClearView C Speech	10
▶ ClearView C Flex	11
▶ Traveller HD	13
▶ Compact 10 HD	15
▶ Compact 6 HD	17
▶ Compact+ HD	19
▶ Compact 7 HD	20

Optical Magnifiers

▶ PowerMag+	21
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speech



Text-to-Speech Products

▶ ClearReader+	23
▶ ClearReader+ Basic	24
▶ ClearReader+ Advanced	24

Available Languages

▶ Compact 6 HD Speech	25
▶ Compact 10 HD Speech	25
▶ ClearView C Speech	25
▶ ClearReader+	25

braille



Braille Devices

▶ ALVA BC640	28
▶ ALVA BC680	28
▶ ALVA 640 Comfort	29
▶ ALVA USB 640 Comfort	29

About Optelec

Since 1975, Optelec has been developing simple and effective solutions for the visually impaired for personal, work and educational use. It all started when Mr. F.J. Tieman developed the first video magnifier for a customer who could no longer see and read with glasses. Optelec's current portfolio includes a variety of easy-to-use desktop, portable and laptop video magnifiers, text-to-speech devices and braille products. With these products, users can improve their quality of life and regain their independence and mobility. In 2016, Optelec joined Vispero - the world's largest assistive technology provider for the visually impaired.

See



Electronic video magnifiers help users to read letters, sort out mails, manage financial transactions, prepare meals, perform hobbies and more; the possibilities are endless. Desktop video magnifiers can be used at home and work, while portable video magnifiers can be used on the go.

Hear



For people who find reading tiring, there are solutions that read text aloud. The Optelec text-to-speech devices scan and read any printed document using a naturally sounding voice. Many reading voices and languages are available, allowing users to select their preferred settings.

Feel



There are several braille devices that can be easily connected to any PC, tablet or phone. This gives the user the possibility to be independent and flexible in the home and work environment. Portable braille products can be connected to a smart phone and can be used anywhere, anytime.

Our Philosophy

“Improving the quality of life for the visually impaired, reaching out with simple and effective solutions.”

Optelec's mission is simple: “Improving the quality of life of visually impaired and dyslexic people – reaching out with simple and effective solutions.” Our aim is to help anyone with a visual impairment, whether it is blindness, any degree of vision impairment or dyslexia, with simple to use and intuitive products. These products are designed to help you lead an independent and full life: to allow you to stay in touch with those around you, to enable you to continue school or work and to help you with your hobbies.

When medical treatments are fully exhausted, there are still many assistive products available that can help. These are the products that Optelec offers - with the hope of making a difference and improving the life of someone with a visual impairment. Because at Optelec we truly believe that

“life is worth enjoying!”

Optelec Worldwide

Headquarters:

The Netherlands: Optelec International

Offices:

Belgium: Optelec NV

Canada: Optelec Canada

Germany: Optelec GmbH

The Netherlands: Optelec Nederland B.V.

United Kingdom: Optelec UK

United States: Vispero US

Dealer network:

Australia & New Zealand: Quantum

Reading Learning Vision

Austria: Videbis

Bosnia & Herzegovina: Gloria Ferrari d.o.o.

Bulgaria: Faith Vision Ltd.

China: Beijing MediWorks R.G. Tech Co., Ltd.

Croatia: Multi Media Matic

Cyprus: M.T. Ray Optics Ltd.

Czech Republic: Spektra VDN

Denmark: Itech ApS

Estonia: MTÜ Jumalalaegas

Finland: Näköpiste Polar Print Oy

France: CECIAA

Greece: Enlogic

Hong Kong: BFAHK - Barrier Free Access (HK) Ltd

Hungary: Infoalap

Iceland: Oreind s.f.

India: Karishma Enterprise

Indonesia: PT Foyer Media

Iraq: AlDurra Scientific Bureau

Israel: Chai Cohen, Computer & Information Systems

Italy: Cluster Voice Systems S.r.l.

Japan: SystemGear Vision Co., Ltd.

Latvia: SIA "Exceed"

Lebanon: Awada Vision

Macedonia: Gloria Ferrari d.o.o.

Malaysia: Pacific Vision International

Malta: Integrated Marketed Services Ltd.

Montenegro: Gloria Ferrari d.o.o.

Norway: Adaptor

Philippines: Pacific Vision

Poland: Altix z.o.o.

Portugal: Electrosertec Lda

Romania: Altix Vision SRL

Russian Federation: Elita Group

Saudi Arabia: Qottuf Aljazeera Company

Serbia: Gloria Ferrari d.o.o.

Singapore: Pacific Vision

Slovakia: Tyflocomp

Slovenia: OFTALMA d.o.o.

South Africa: Sensory Solutions

South Korea: Hendi International Inc.

Spain: Rehasoft

Sweden: Polar Print

Switzerland: Accesstech AG

Taiwan: International United (NY) Co., Ltd.

Thailand: DK Healthcare Co.,Ltd

Thailand: Interfocus Thailand Co., Ltd.

Turkey: Beyid Ltd.

United Arab Emirates: Nattiq Technologies



■ Optelec affiliates
■ Optelec dealers



magnification

Electronic Video Magnifiers



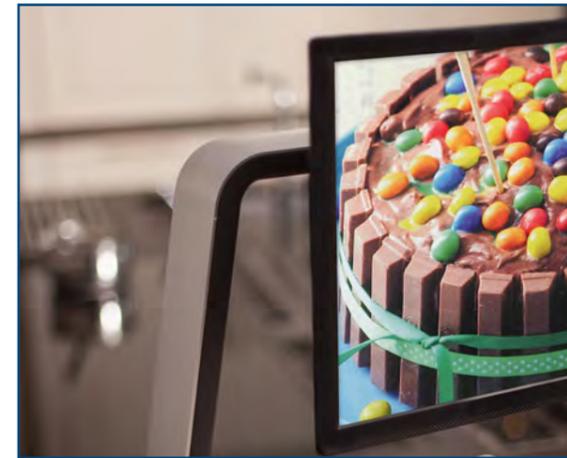
magnification *ClearView C*

The new Optelec ClearView C is a unique video magnifier that is designed to improve your reading experience.

The modern design provides you with more working space and helps you to read your favourite newspaper, enjoy craftwork or write a cheque without being restricted in movement.

*Stand out from the crowd
and choose for comfort and design!*

Comfortable reading starts with the C



The ClearView C will increase your reading comfort and also match the interior of your home. It looks stylish so you can even place it in your living room.



When we started to develop a new video magnifier, we wanted to eliminate all of the difficulties users experienced. After extensive research involving our clients, we came up with a completely new design.

Key benefits:

- Unique and modern design that fits your interior
- C-shaped arm giving you more freedom of movement
- More working space to read larger documents more easily
- Control Pad to switch between basic and advanced controls
- View High Definition text and images on a bright widescreen
- Space saving Compact or wide Comfort set-up



Choose your ideal ClearView C



Back to basics

View text and images in High Definition while only using basic functions and menu options.

ClearView C One



See every detail

The High Definition camera provides low magnification from 1.5X and ultra sharp images.

ClearView C HD



Text-to-Speech

Make long texts easier to read by converting printed text into speech.

ClearView C Speech



Read newspapers

All ClearView C models are available in the Comfort setup that provides more space to read large documents.

ClearView C Comfort

ClearView C Speech



Is reading too tiresome for you?

The Optelec ClearView C Speech can instantly convert any printed text into speech. This makes it possible to have access to information in a way that is most comfortable and easy for you. Especially long texts are now easy to read.



The ClearView C Speech displays full pages and automatically identifies the document layout. You can select the text of your interest by simply pointing at a word or paragraph. This ensures that you navigate quickly within a document.

For available languages, see page 25.

Key benefits:

- Point & Read functionality: intuitive touch interface
- Overview: full A4 page viewing
- Assistive reading with automatic text zone recognition
- Fast text recognition (OCR)
- over 60 reading voices in over 30 languages
- Automatic language detection (up to 5 languages)
- Saving and opening documents on a SD card or USB stick



magnification

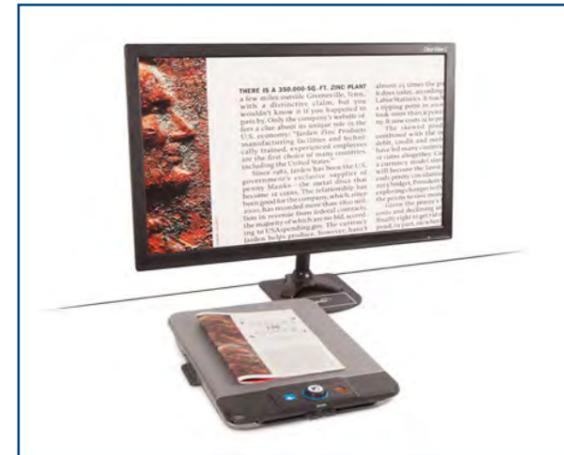
ClearView C Flex

The Optelec ClearView C Flex is a unique video magnifier that perfectly fits your workplace.

This unique product helps you to keep your desk free and still enjoy the support of a video magnifier. The ClearView C Flex enables you to read documents, perform hobbies or work with your computer.

*Enjoy more freedom of movement
with this space saving solution!*

Flawless integration starts with the Flex



Because of the flexible arm, you can easily put the ClearView C Flex in the position you prefer. Pull it towards you when you need magnification, or position the monitor further away when you don't need it.



The ClearView C Flex looks like any other monitor. It perfectly blends with your work environment. Your coworkers won't even notice you are working with a video magnifier.

Key benefits:

- A desktop video magnifier that saves space on your desk
- Enjoy more freedom of movement with the flexible arm that can be moved in any position
- More working space to read larger documents more easily
- Customize your unit to suit your needs:
 - Control Pad to switch between basic and advanced controls
 - ClearView C Flex Full HD with 24" monitor
 - ClearView C One Flex with 21.5" monitor
 - Speech module available with touchscreen offering intuitive Point & Read speech output
- Optional reading table to support your reading



magnification

Traveller HD

With the Traveller HD, you can read anywhere: at a table, on the couch, in a lounge chair and even in bed! It is small and portable, so you can easily take it with you to use it at home, in the office, at school, on holiday, or any other place.

Wherever you are, at home, in the office, at school or on holiday, the Traveller HD is your ideal light weight reading companion.

Slide & Read

Improve your reading fluency with the Traveller HD. Its unique Slide & Read mechanism provides you with a more natural reading experience, especially for those people that find it difficult to keep their hand steady. Slide the screen across a line of text and view the content on-screen. It has never been easier to follow the line or sentence. Sliding back and forth enables you to recognize the shapes of individual words.



You can see a more complete line of text because of the large screen, so you can read even more fluently.

Superior image quality

In high definition, enjoy stepless and variable zoom, with adjustable magnification starting at 2.4 times, the Traveller HD allows you to see smaller details of photos and text on the high brightness 13.3-inch widescreen.

Key benefits:

- Read anywhere: at a table, couch or in bed
- Easy to take with you and store away
- Slide & Read
 - Natural reading experience
 - Easy to follow lines of text
- More words onscreen for easier word recognition
- Continuous zoom: 2.4 - 30X
- 13.3" widescreen
- High Definition camera for superior image
- Rechargeable battery
- Optional reading stand to read books more comfortably



magnification

Compact 10 HD

With its large 10" screen, customizable features and intuitive operation, the Compact 10 HD offers all benefits of a desktop video magnifier, but in a much smaller, foldable, and portable design.

The Compact 10 HD Speech offers additional Text-to-Speech. This allows you to capture full-page documents and let the Compact 10 HD Speech read the text to you.

Convenient swing-out arm

The Compact 10 HD magnifies newspapers, letters, and magazines for viewing of text, pictures, and other details. Its purposely designed swing-out arm opens a whole new range of possibilities. With the arm unfolded, you can also look at photos, view packaging and product labels, and read round cans, all while holding objects naturally in your hand. The arm even allows you to write your signature and finish crossword puzzles.

Faster reading

The Compact 10 HD has a large, High Definition 10" touch screen. With over 50% more screen area than 7" units, you can fit more text on the screen, allowing you to read faster than you could with smaller magnifiers.

Ready when you need it

For quick reading tasks, the Compact 10 HD is there for you. It wakes up with one press of the power button and is ready, just like your phone.

Let the Compact 10 HD Speech read for you

The Compact 10 HD Speech offers additional Text-to-Speech. With the swing-out arm extended, the Compact 10 HD Speech captures full-page documents and reads them to you with one press on the touchscreen. A convenient indicator at the foot of the Compact 10 HD Speech tells you exactly where to place the document you want to read. Just place the document, take a snapshot, and relax while the Compact 10 HD Speech reads text to you.

For available languages, see page 25.

Key benefits:

- Compact 10 HD: View and magnify text, objects and photos
- Compact 10 HD Speech: listen as the Compact 10 HD Speech reads full pages of text to you
- Wakes with one press of the power button
- Over 50% more screen area than 7" units allows more words on screen
- Continuous zoom: <0.5x to >22x
- Switch back and forth between Easy and Advanced Modes:
 - Easy Mode shows contrast and magnification only
 - Advanced Mode shows additional functions like the menu, clock, and extra options

Compact 6 HD

Designed to meet your needs

The Compact 6 HD is more than just another electronic magnifier. Being only 14 mm thin, it is a pocket-sized, 6-inch touch screen magnifier that you can use at your desk, at a store, at home, at school, or at the office. With its two cameras, customizable touch screen buttons and interface, you can transform your Compact 6 HD and tailor it to your personal needs.

Speech on the go

The Compact 6 HD Speech offers additional Text-to-Speech functionalities. Point the Compact 6 HD Speech to a text, take a snapshot and listen to the text as it is read aloud. The pocket-sized Compact 6 HD Speech captures, recognizes and reads text to.

For available languages, see page 25.



Key benefits:

- Continuous magnification: <0.5X - >21X
- Available with and without Speech
- Large 6-inch high brightness touch screen
- Switch back and forth between Easy and Advanced Modes:
 - Easy Mode shows contrast and magnification only
 - Advanced Mode shows additional functions like the menu, clock, and extra options

Accessories

Compact 6 HD Wear

Lock the Compact 6 HD into the Wear to transform it into a wearable magnifier. With the Wear, you keep your hands free to work on daily activities such as writing, cooking and paying bills. The hands-free operation allows for ultimate relaxation when watching TV, enjoying movies, or viewing photos. When used with the Compact 6 HD Speech, you can even enjoy hands-free text-to-speech!



Key benefits:

- Compatible with Compact 6 HD and Compact 6 HD Speech
- Allows you to keep your hands free
- Can be worn with prescription glasses

Compact 6 HD Speech Dock

When you want to listen to larger pieces of text, the Speech Dock is your go-to solution. Simply lay the Compact 6 HD Speech on the Speech Dock and place a document below the camera. All you have to do now is press the snapshot button, and the Compact 6 HD Speech will read the text to you. It's as easy as that.



Key benefits:

- Compatible with Compact 6 HD Speech
- Scan and read full page documents (A4 & letter size)
- Integrated speaker for high quality sound

Compact+ HD

With the Compact+ HD, you can perform your daily reading and viewing tasks again. Text that used to be too small, can now be enlarged in the size that is ideal for you, in the colour settings you prefer. Designed to sit in the palm of your hand, you can even take it with you and read anything, anytime and anywhere.

More than an optical magnifier

The Compact+ HD offers so much more than optical magnifiers. It provides adjustable magnification for all character sizes and document types, so you do not have to have other magnifiers with different magnification strengths. Thanks to the bright widescreen, you clearly read text, and view images and objects even in sunny conditions.

Why choose the Compact+ HD?

The Compact+ HD has a low starting level of magnification, so you can see more of the content on-screen and enjoy a greater overview. Also, it can be used with and without the

handle. To read price tags and signs whilst shopping, the handle can be folded out. To read and navigate around a newspaper or magazine, you can fold the handle in and rest your hands and arms on the desk or table. Or, place your hand on the open handle to easily maneuver the Compact+ HD over the document.

Magnifier with high value

The Compact+ HD is made of high quality materials giving the product a modern look and feel. Try it out now and experience the comfort and joys of reading with your very own Optelec video magnifier.

Key benefits:

- Screen: 4.3"
- Magnification: 3X - 12X
- Ergonomic foldable handle for easy viewing
- Takes and stores images
- Contemporary design



Compact 7 HD

Imagine using a high definition magnifier that provides more overview and more words per line, combined with the best available image quality.

Large screen in a compact design

With an adjustable magnification up to 30 times, the Compact 7 HD allows you to see the smallest details of photos or objects on the ergonomically positioned, high brightness 7-inch widescreen. At home, in the office, at school or on holiday, the Compact 7 HD is your ideal companion.

Start reading immediately

With the press of only one button, the Compact 7 HD is ready to use. Simply place the Compact 7 HD on the document you want to view and press the large white button below the screen. The Compact 7 HD opens and automatically starts magnifying with your preferred settings.

Optimal reading comfort

Unlike desktop magnifiers, the Compact 7 HD allows you to comfortably read letters and books on your couch or in your favorite chair. Thanks to its smooth surface, it slides easily over any reading material. It also enables you to save images. Simply make a snapshot and save it for later. You can retrieve then the saved information and read it at your convenience.

Customize your Compact 7 HD

Adjust settings to meet your specific needs in the special large icon menu. Use the intuitive, easy to operate buttons to choose the preferred viewing modes, the brightness or the power options.

Key benefits:

- Screen: 7"
- Magnification: 2.5X - 30X
- Save up to 75 captured images
- Angled screen position for comfortable reading
- Designed to move smoothly over reading materials



Optical Magnifiers

Do you have trouble reading? Are you looking for something that can help you to read comfortably again? Optelec offers a wide range of optical magnifiers that allows you to read texts more easily. Whether you want to read at home, at the office or on the go, we have a solution for you.

Handheld magnifiers

Handheld magnifiers are ideal to use at home. There are many types of handheld magnifiers: classic reading magnifiers, ergonomically designed magnifiers, and illuminated magnifiers with LED light that make reading easier.

- Magnification: 2.5X and up

Stand magnifiers

Stand magnifiers are useful if you want to read longer pieces of text or if you find it difficult to hold a magnifier. Larger stand magnifiers are placed

on a table, smaller stand magnifiers are placed directly on the document you want to read.

- Magnification: 3.5X and up

Dome and bar magnifiers

Dome and bar magnifiers are light weight, handheld products that are ideal for simple reading tasks. Dome magnifiers are uniquely shaped in a semi-circle that provide distortion-free pre-focused magnifying power. Bar magnifiers can be used to read a line of printed text or handwriting more easily.

- Magnification dome: 1.8X and up
- Magnification bar: 2X and up



Key benefits:

- Multiple types available
- Integrated LED lighting for optimal reading experience
- Small and lightweight
- Portable



speech

Audio Text Readers

ClearReader⁺

Intuitive operation

The ClearReader⁺ is designed for ease of use. Its buttons are easy to operate and have distinctive shapes. This helps you to control the integrated state-of-the-art technology without any effort.

Quick voice selection

The ClearReader⁺ offers a broad variety of high quality male and female reading voices in 31 different languages. Select your preferred languages and voices and switch them instantly while reading.



Saving and retrieving documents

With the ClearReader⁺ you have the option to save your mail or articles for later reference. You can archive single and multiple page documents and access them when needed.

Portable solution

Benefit from the portable design and use the ClearReader⁺ anywhere in your home. Move the unit around easily by using the convenient foldable carrying handle.

Key benefits:

- Fast text recognition (OCR)
- over 30 supported languages
- over 60 high quality, easy-to-change reading voices
- Foldable carrying handle
- Volume and speed control
- Built-in stereo speakers
- Saving and opening documents

Choose your favourite

ClearReader⁺ Basic

Rediscover the joy of reading anytime and anywhere. Within a few seconds, you can listen to any printed document scanned by the ClearReader⁺ Basic with just one click.

The ClearReader⁺ Basic is AC powered and does **not** contain an integrated battery.



Key benefits:

- Over 30 supported languages
- Ideal to use at one fixed place
- AC powered

ClearReader⁺ Advanced

Connect to a screen and select the text of your interest by simply navigating with the easily recognizable buttons. The ClearReader⁺ Advanced automatically identifies paragraphs and columns to help you navigate faster. Archive single and multiple page documents and access them when needed with the special large font menu.

The ClearReader⁺ Advanced offers a remote control and integrated battery.



Key benefits:

- Over 30 supported languages
- Adjustable document views (overview, formatted line view, formatted column view, full page overview)
- Handheld remote control
- Integrated battery

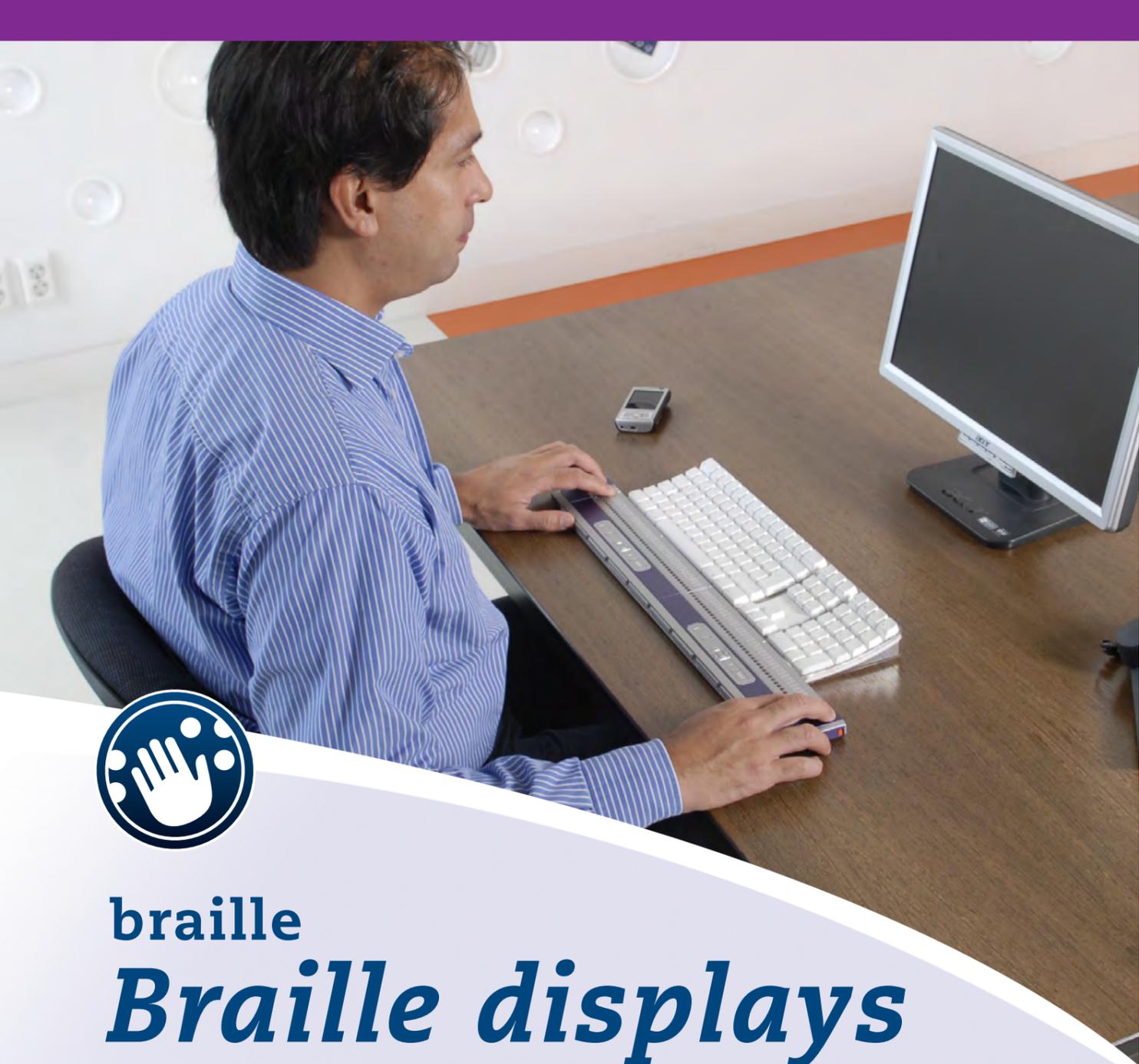
Available Languages

	Compact 6 HD Speech	Compact 10 HD Speech	ClearView C Speech	ClearReader+
Bulgarian	F	F	F	F
Catalan		F	F	F
Cantonese			F	F
Chinese (PRC)	F	F	F, M	F, M
Chinese (Hong Kong)		F		
Chinese (Taiwan)	F	F	F	F
Czech	F	F	F	F
Danish	F	F, M	F, M	F, M
Dutch (Belgium)	F	F	F, M	F, M
Dutch (The Netherlands)	F	F, M	F, M	F, M
English (Australia)	M	F, M	F, M	F, M
English (U.K.)	M	F, M	F, M	F, M
English (Irish)	F	F	F	F
English (Indian)	F	F	F	F
English (Scottish)	F	F	F	F
English (U.S.)	F	F, M	F, M	F, M
Finnish	F	F, M	F, M	F, M
French	F	F, M	F, M	F, M
German	F	F, M	F, M	F, M
Greek	F	F, M	F, M	F, M
Hungarian	F	F	F	F
Italian	F	F, M	F, M	F, M
Japanese	F	F	F, M	F, M
Korean	F	F	F	F
Norwegian	F	F, M	F, M	F, M
Polish	F	F, M	F	F
Portuguese (Brazil)		M	F	F
Portuguese (Portugal)	F	F, M	F	F
Romanian	F	F	F	F
Russian	F	F, M	F	F
Slovak	F	F	F	F
Spanish (Mexican)	F	F, M	F	F
Spanish (Spain)	F	F, M	F, M	F, M
Spanish (U.S.)			F	F
Swedish	F	F, M	F, M	F, M
Swedish (Finland)			M	M
Turkish	F	F, M	F	F



braille

Braille displays



braille *Braille displays*

Are you a braille reader? Would you like a device that converts information from your computer screen into a seamless line of braille characters?

Optelec offers a whole family of braille displays, each allowing you to read the information that is on your computer screen in braille.

ALVA BC 640

The ALVA Braille Controller 640 wirelessly connects to your computer, smart phone or tablet without having to install a driver.

The light, compact design makes the ALVA BC 640 your ideal companion while travelling. Take the ALVA BC640 with you, using the convenient carrying case, and effortlessly interact with your phone or computer.



Key benefits:

Powerful, wireless braille in a small design for PC, phone or tablet.

- 40 braille cells for reading
- 9 key Smartpad navigation
- Integrated Bluetooth

ALVA BC 680

The slim design of the ALVA BC680 enables you to read up to 80 characters at once.

The ALVA BC680 offers simultaneous connectivity with two separate PCs or a PC and a smart phone. Connect your PC keyboard directly to the BC680 and work on the PC while staying connected to receive text messages in real time.



Key benefits:

For professional use and real multitasking. Connect two PC's at the same time.

- 80 braille cells for reading
- 18 key Smartpad navigation
- Integrated Bluetooth
- USB keyboard connection

ALVA 640 Comfort

Are you looking for an affordable, easy to use Braille display?

The ALVA 640 Comfort stands out in its simplicity, ease of use and affordability. It offers a Braille keyboard, an internal notepad function and Bluetooth® wireless technology to convert text from your PC, tablet or phone into a seamless line of 40 Braille characters.



Key benefits:

Affordable and complete, read and write Braille with PC, phone or tablet.

- 40 braille cells for reading
- Braille keyboard for typing
- Internal notepad of 1000 pages

ALVA USB 640 Comfort

Would you like a Braille display that converts information from your computer screen into a seamless line of Braille characters?

The ALVA USB 640 Comfort is a small and affordable braille solution for the PC. You can easily take it with you from home to the office as well as to other locations.



Key benefits:

Small and affordable braille solution for PC.

- 40 braille cells for reading
- Lightweight
- USB connection

Find us online

Would you like to know more about us or our products? Find us online and stay up-to-date anytime, anywhere!

Website

On our website www.optelec.com, there is more to explore than just our products. You will find a wealth of information about eye conditions and associated organizations, a list of our distributors and recommended products for eye conditions and symptoms. Via the contact forms you can easily contact us with any of your questions.



Watch our videos

Are you looking for demonstration videos or do you need more information about our products? On our Youtube channel, www.youtube.com/OptelecTube, you will find videos of introductions and demonstrations of our products in several languages.



Connect with us on social media

Optelec is active on social media in several countries. Keep yourself informed about events, actions, news, testimonials, interesting facts and behind the scenes moments through Twitter and Facebook. We'll see you there!





Optelec Nederland B.V.
Pesetastraat 5a • 2991 XT Barendrecht • The Netherlands
Phone: +31 886-783 444 • Email: marketing@optelec.nl

www.optelec.com



magnification



speech



braille