

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



Exclusive UK distributor for



*Low Vision
Consumer Catalogue*

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At Optelec, we pride ourselves on our ability to help our customers live more independently, continue to enjoy their lives and most of all, not let sight loss stop them from doing the things they love. We value our customers, and for over 35 years, our reputation has gone from strength to strength in delivering solutions to help anyone with sight loss magnify or have text read to them.

Why choose Optelec?

- 30 Day money back guarantee on all products
- Free home demo on selected products
- UK based, lifetime technical support
- Worldwide market leaders
- Minimum 2 year warranty



Optelec charity of the Year

We are delighted to support Esme’s Umbrella, as our charity of the year. Their mission is to illuminate the lesser-known aspects of Charles Bonnet Syndrome (CBS). CBS causes people who have lost a lot of sight to see images that aren’t there. Further information can be found by visiting www.charlesbonnetsyndrome.uk



Esme’s Umbrella
FOR EVERYONE WORKING FOR THE GREATER AWARENESS OF
Charles Bonnet Syndrome



Portable favourites

The **Ruby HD** and **Pebble HD** are our most favoured portable electronic magnifiers. Boasting a 4.3" screen, High Definition camera and convenient handle. These portable magnifiers are ideal for magnification the on the GO. Popular uses include; checking mail, TV guides, price tags in shops, restaurant menus and bus timetables.





RUBY® HD



Pebble HD

Key Features

- 4.3" screen
- 2x to 13x zoom
- 228 grams
- 12.4 x 7.4 x 3.6 cm
- Includes one set AAA 
- 2 hours 
- Flip-out handle
- Reading stand (available separately)

Key Features

- 4.3" screen
- 2x to 14x zoom
- Two-position flip-out handle
- 204 grams
- 13.8 x 8.8 x 2 cm



RUBY® XL

More
advanced
functionality!

The **RUBY® XL HD** features tactile, easy-to-see, multi-coloured buttons. Easily choose between 20 high contrast semi-colours for more fluent reading and activate the Reading Line and Masks to keep your place. Take a snapshot and archive up to 80 images which can be reviewed 'hands-free' using the Slide Show mode and uploaded to a PC (via USB).



Key Features

- 5" tilting screen
- 2x to 14x zoom
- Two-position flip-out handle
- 298 grams
- 13.8 x 8.8 x 2 cm



Compact 10 HD / Compact 10 HD Speech



Let the Compact 10 HD Speech read for you

The **Compact 10 HD Speech** is an ideal solution to magnify and read newspapers, letters and magazines. But, its unique swing-out arm opens a whole new range of possibilities. It effortlessly captures full-page documents and reads them to you. The 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.

Effortlessly view objects and photos

With the arm unfolded, you can also easily look at photos, view medicine packaging and read round cans, without being restricted in your movements. The arm even allows you to write your signature and finish crossword puzzles.

Easy reading

The **Compact 10 HD Speech** has a large, High Definition 10" touch screen. This allows you to fit more text on the screen for maximum overview. With more words on the screen simultaneously, you will find that reading becomes easier and that you will have a better understanding of the text – even in high magnification.

Ready when you need it


When reading smaller pieces of text, you can quickly grab the **Compact 10 HD Speech** to read more comfortably. It instantly powers on, just like your phone. Thanks to this incredibly short start-up time, you will not waste any time and you can continue reading almost immediately.

The Compact 10 HD Speech offers all benefits of a desktop video magnifier, but in a much smaller, foldable and portable design



Unique writing arm

Key Features

- 0.5x to 22x zoom
- HD camera
- Lightweight, 915 grams
- 10" touch-screen
- Full colour and selectable false colours for improved contrast
- 4 hours rechargeable 
- Unique writing arm
- Distance viewing
- Available with or without speech. You can always upgrade a Non-Speech model to Speech



RUBY® 7 HD



The portable **RUBY® 7 HD** makes reading easier. Weighing only 510 grams, the 7-inch high-brightness screen and low starting magnification level of 2x provides easier orientation and a greater overview when reading from newspapers and magazines.

Key Features

- 2x to 24x zoom
- Pivot-Cam for self viewing
- 20 False colours to choose from.
- HDMI output for TV
- 4 hours rechargeable
- Save up to 100 images and export to a PC

Different coloured, tactile buttons are easy to locate and distinguish and the screen tilts to 40 degrees for a more comfortable position. For more fluent reading, activate the on-screen lines or masks.

At home, enjoy viewing from a larger screen by connecting with an HDMI television. Once connected, simply place the **RUBY® 7 HD** over a newspaper or magazine and the image appears on the your television – effectively providing a larger screen area to read and view.



RUBY® 10 HD / Speech

The **RUBY 10** video magnifier has a 10-inch touch-screen and three dedicated cameras. The **RUBY 10** can magnify letters, magazines, labels and photos. The swing-out arm allows you to view items in your hand and write. When extended, on the speech model, the arm also enables full-page OCR. With a touch of a button, you can scan pages and have them read aloud to you. The third camera is dedicated to seeing objects at a short distance such as signs and menus on a wall.

Portable video magnifier with the convenience of optional text-to-speech! Perfect for those that have “bad” days.



Key Features

- 2x to 24x zoom
- Portable and lightweight
- 915 Grams
- 3.5 hours rechargeable
- Save scanned images and documents
- Carry case included
- Unique, patent-pending viewing modes
- Available **With** or **Without** Speech

Buy on a 30-day money-back guarantee

www.lowvisionshop.co.uk or call Freephone 0800 145 6115



Compact 8 HD

Imagine reading in high definition, with a handheld magnifier that provides a greater overview and more words per line.

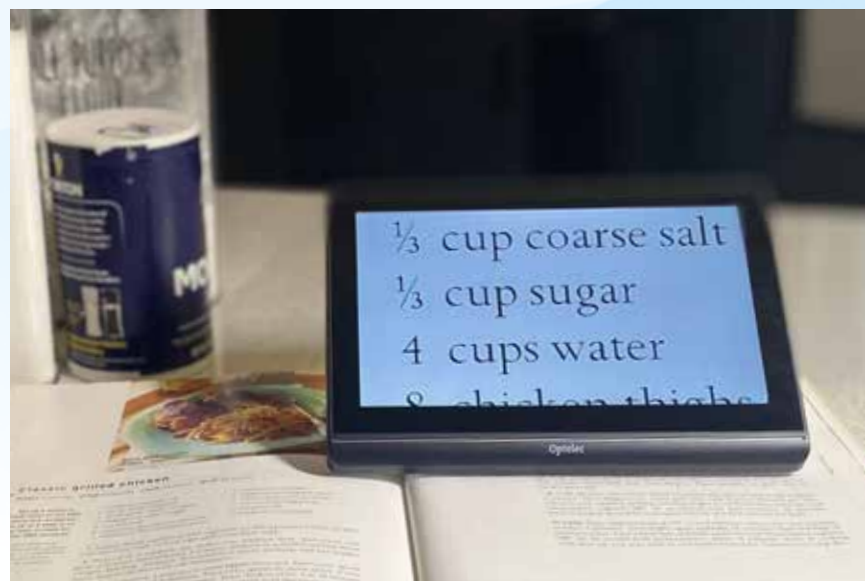
The Compact 8 HD is more than just another electronic magnifier.

Enjoy superior magnification
With the Compact 8 HD, you can read magnified text in high contrast colours and view objects from a small distance. Thanks to its large 8-inch screen, you can fit more text on the screen for maximum overview. Ready to use within a second, the Compact 8 HD magnifies instantly after you turn it on.

Patented viewing modes make reading easier for those with colour blindness.



Designed to meet your needs
With its two cameras, customizable touch screen buttons and interface, you can transform your Compact 8 HD and tailor it to your personal needs. Live panning means less movement of the magnifier over the text.



Key Features

- 8" screen
- Sleek, touchscreen design
- Up to 30x magnification
- Close up & distance viewing
- Live Panning
- Lightweight 1.6kg



Amigo 8" HD

Amigo makes undetectable text visible again with the help of Dynamic Contrast, a proprietary feature that enhances the contrast of similar colours and provides sharper, clearer and more defined images. View enlarged images on a generous, 8-inch widescreen LCD, offering a large viewing area.

Lightweight and easy to use, simply place it directly on your reading material or hold it up to view objects at a distance. Adjust magnification and contrast with an easy press of a button. Read price tags, menus, labels, street signs and more, anywhere!

Special built-in filters improve visibility of image colours for colour blindness and reduce brightness without affecting image visibility for users with light sensitivity.

Amigo offers a convenient hands-free desktop position allowing you to easily read, write, pay bills and work on hobbies.



Key Features

- Up to 30x zoom
- x2 HD cameras with dynamic contrast and distance viewing
- 740 grams
- 8" screen
- Live image panning
- Line marker and masking features
- 3.5 hours rechargeable

A

Traveller HD

Improve your reading fluency with this portable video magnifier

The unique **Slide & Read** mechanism provides a more natural reading experience, especially for those people that find it difficult to keep their hands steady. Simply slide the screen across a line of text and view the content on-screen - as if it were in large print. Reaching the next line is easy - simply roll the **Traveller HD** towards you. It has never been easier to follow the line or sentence. Sliding back and forth enables you to recognise the shapes of individual words.

See the **Traveller HD** on



The **Traveller HD** allows you to comfortably read newspapers and letters at the dining table, in bed, or in your favourite chair. Whether you are at home, in the office or on holiday, the **Traveller HD** is your ideal lightweight reading companion.

Key

Features

- 2.4x to 30x zoom
- Slide & Read
- 13.3" tilting screen
- Less than 2 kg
- 3 hours rechargeable
- Large tactile buttons for easy use
- Switch between full colour and up to 4 high contrast semi-colours
- Snapshot/archive up to 1,000 images
- Optional **Reading** or **Writing stand**

A

CP16

A portable desktop video magnifier

CP16 Full HD is a transportable video magnifier with a 15.6 inch screen. It's a lightweight compact design that folds flat when not in use, making it incredibly easy to use anywhere, at home in the office or in an education setting.

Easy to set up and use with tactile buttons and dials, the screen can be set at your preferred height and viewing angle. The adjustment of the screen allows plenty of room for hobbies and crafts. It's full HD camera can be rotated and used at different distances making this a fantastic multi use magnifier.

Use the **CP16 Full HD** as a traditional close up magnifier for reading or simply rotate the camera to distance viewing for meetings, lectures etc. The camera can also be used for self viewing which is fantastic for personal grooming.

The raised camera on the **CP16 Full HD** is ideal for writing and crafts.



Key

Features

- 15.6 inch screen
- Over 100x magnification
- Close up, distance & self-viewing
- 35 colour modes
- 5 hour battery



Transformer HD Wi-Fi / Speech

Transformer HD is a high performance portable video magnifier (CCTV), featuring a Full HD 1080p 3-in-1 camera, Wi-Fi capability and optional Full Page Text-to-Speech (OCR). **Transformer HD** features built in Wi-Fi, HDMI and USB 3.0 connectivity for your laptop, desktop computer, tablet or monitor. Compatible with popular magnification software programs, Transformer HD is a portable and powerful low vision solution for school, work or home.

Transformer HD is the only product in the Low Vision market compatible with ALL Operating systems available: Windows, Mac, iOS and Chrome!

Key Features

- Foldable, lightweight and portable
- Versatile - connects to iPad, Android, Chromebook (non-speech), Mac, Windows and more, wirelessly.
- Up to 30x Magnification
- Available with or without Text-to-Speech
- Work in Full or Split Screen mode
- 32 viewing modes to optimize contrast and brightness
- Compatible with leading low vision software
- 3-in-1 camera, reading, distance and self viewing.
- Full A4 reading on the speech model with selective start and magnification.



Totally Wireless



Optional Suction Base



Foldable Design



Superb Distance Camera

A

Merlin Pro and DaVinci Pro Speech



Which combined
MAGNIFIER and SPEECH
desktop solution is right for you?



Want to hear text aloud?
Now you can with a choice of
Desktop Magnifiers with Audio
Playback. When reading (using
magnification) becomes too tiring,
simply sit back and listen as
printed letters, newspapers and
magazines are read aloud.

Enjoy reading long documents
with Text-to-Speech. Just place
a magazine or letter beneath the
camera, press a button to activate
the speech feature and enjoy
listening in a natural sounding
voice.

Both the **Merlin Pro** and **DaVinci Pro** are controlled by a simple,
easy to use tactile console.

Once scanned, a full page is
displayed on-screen and text
zones are automatically identified.
Touch the screen to switch
between Full Page Overview and
quickly navigate to sections that
you wish to read from.

DaVinci Pro boasts a small
footprint and 3-in-1 moveable
camera that is fantastic for
hobbies, self viewing and distance
viewing.

Merlin Pro

Key Features

- Simple, easy to use tactile controls
- X-Y table for fluent reading
- Full HD 24" Screen
- Magnification up to 70x

DaVinci Pro

Key Features

- 24" HD Widescreen
- Full page reader with save and export functions
- Flexible camera for desktop, distance and self-viewing

To request a home demonstration of the Merlin or DaVinci Pro call Freephone 0800 145 6115

A ClearView C



Controls at your fingertips



Read larger documents

Rediscover the joys of reading from broadsheet newspapers, viewing photograph albums and practical craft-work without being restricted in movement.

The **ClearView C** desktop video magnifier is designed to improve your reading experience.

The left-sided C-shaped arm provides you with more working space beneath the camera.

Whether you prefer simple or more advanced options, the **ClearView C** offers both.

The basic controls are always visible from the control pad, which is recessed in the X-Y Reading Table.

Key Features

- Height-adjustable tilting screen
- Choice of screen size:
 - 21.5" (2.5x - 27x)
 - 24" (1.5x - 75x)
- X/Y reading table (2 sizes)
- Stepless magnification control
- Overview and position locator
- Speech touchscreen option

A Merlin Ultra



Merlin Ultra has helped thousands of people regain the ability to read newspapers, books, magazines and more. The **Merlin Ultra** is the clear choice in desktop magnifiers for reading and writing. The stylish design means **Merlin Ultra** fits well in to all environments. **Merlin Ultra** has a unique adjustable monitor that gives you the most comfortable viewing position.

Merlin Ultra is extremely simple to use and is available with 3 different screen sizes: 22" and 24".

Key Features

- Fully assembled unit
- Choice of 22" or 24" monitor
- Simple, easy to use tactile control
- 28 viewing modes inc. full colour
- Magnification up to 73x (24" model)
- Optional auto/focus lock
- Adjustable monitor can be raised, lowered or angled in and direction
- Upgrade with Feature Pack

acrobat HD ultra —

Features on all Acrobat HD Ultras:

- Compact size minimises space needed on table or desk
- Choice of 22", 24" or 27" LCD monitors provide 1.6x to 99.5x adjustable magnification (varies with LCD size)
- Various arms and positioning options provide maximum flexibility.
- Large field of view
- Set-up is easy, just plug in and begin
- Memory setting for each camera position
- 28 optional viewing modes/colours
- Line markers, windows and object locator included
- Wireless remote control operation
- Computer compatible, toggle between your computer and Acrobat HD Ultra
- Cases are available at additional cost
- Optional Small or Large X/Y table available. This makes navigation of a document easier.

Acrobat HD Ultra's Full HD 3-in-1 camera provides the best image quality available today! Enjoy brighter sharper colours and bold contrast with this feature rich electronic magnifier. A wider field of view allows you to see even more of what you want.

It's our most flexible solution for reading, writing or viewing magnified images at any distance. Use it up close like a mirror for applying make-up or other personal grooming.

By simply rotating the camera you can magnify images at distance. Use it to view presentations, paperwork, even work on crafts and hobbies. **Acrobat HD Ultra** is ideal for work, school or home.



To request a home demonstration of the Acrobat Ultra

call Freephone 0800 145 6115

ClearView C Speech



Do you find reading tiresome? Would you like to combine magnification and speech in a single solution?

Now you can with a choice of Desktop Magnifiers with Audio Playback. When reading (using magnification) becomes too tiring, simply sit back and listen as printed letters, newspapers and magazines are read aloud.

Enjoy reading long documents with Text-to-Speech. Just place a magazine or letter beneath the camera, swipe the screen to activate the speech feature and enjoy listening in a natural sounding voice.

With **Point & Read**, you only have to swipe your finger on the touch-screen and instantly listen to printed letters, books or magazine articles - by paragraph, column or word.

Once scanned, a full page is displayed on-screen and text zones are automatically identified. Touch the screen to switch between Full Page Overview and quickly navigate to sections that you wish to read from.

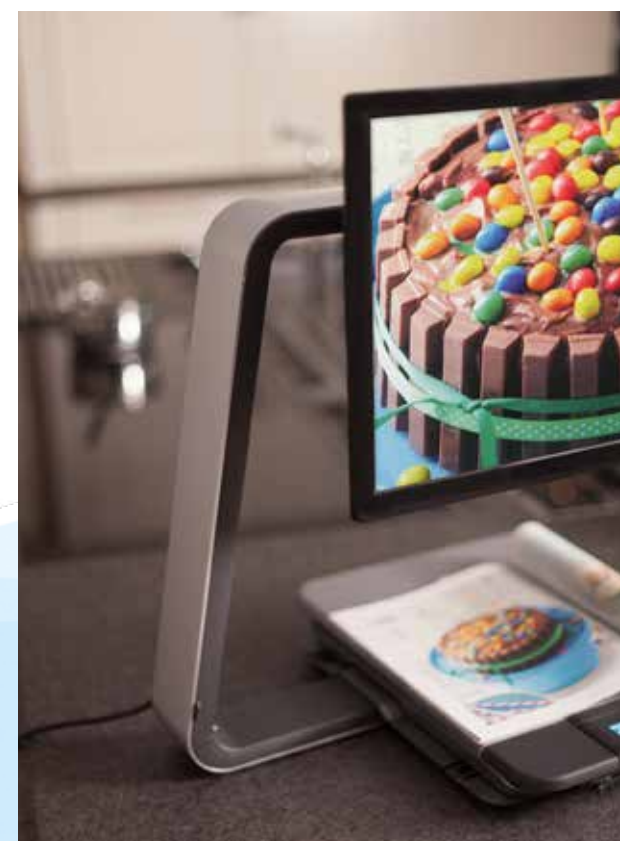
Sit back, relax and listen to documents as they are read aloud. Combining a clear voice alongside magnification and high contrast makes reading so much easier.



ClearView C Speech

Key Features

- 24" Full HD Touch Screen
- Easy to Use X/Y Table
- 1.5x to 75x Magnification
- Full colour and 16 false colours
- Line Markers
- Focus Lock
- 36 Languages and 74 accents
- Swipe your finger to scroll through magnified text
- Navigate quickly with automatic text zone recognition
- Point and read





SmartReader HD



A Full page OCR Solution for Easy Text Reading

Easy-to-use, **SmartReader HD** boasts a lightweight, transportable, sleek design. Position your document and press a button, in seconds **SmartReader HD** begins reading aloud.

When **SmartReader HD** is connected to a TV or Screen you can magnify, change contrast and colours of the material. **SmartReader HD** then reads aloud whilst automatically highlighting the words along the TV or screen.

Key Features

- Start listening in a few seconds
- Compact and easy to carry
- Connects to a TV for adjustable magnification
- Archive documents
- Large range of languages
- 8 hours rechargeable
- Voice gender option
- Lightweight: 1.8 kg
- Carry case available separately



ClearReader+/Basic



Simple tactile controls

Rediscover the joys of reading anytime and anywhere. Within a few seconds, the **ClearReader+** scans printed documents and reads them to you in a natural sounding voice.

The **ClearReader+** is designed with simplicity in mind. The tactile, easy-to-operate buttons can be recognised by touch. Select your preferred male



Easy to carry

and female voices and the **ClearReader+** switches between them instantly to match the language of the scanned document.

Connect a Feature Pack (available separately) for more functionality. Enjoy enhanced archiving and navigation. Connect to a separate screen, listen to and view documents 'in-sync' as they are read aloud in large print.

Key Features

- Start listening in a few seconds
- Compact and easy to carry
- Retractable carrying handle
- Archive documents
- 31 languages, 59 voices/accents
- 5 hours rechargeable
- Basic model is mains power only
- 23 x 24 x 10 cm
- 2.46 kg (Basic model: 2.26 kg)



OrCam - MyEye Pro 3

OrCam Pro, the most advanced wearable assistive technology, provides independence by allowing access to visual information, conveyed by audio, on a tiny camera which can be attached to any pair of eyeglasses. Using Artificial Intelligence it reads text, recognises faces and identifies products.

Read Text

Including newspapers, books, menus, signs, product labels and screens.

Easy-to-Use

Intuitively responds to simple hand gestures.

Voice commands

More than 20 intuitive voice-activated commands available for easy device use.

Recognises Faces

Real time identification of faces is seamlessly announced.

Portable

Small, lightweight and magnetically mounts onto virtually any eyeglass frame.

Bluetooth

Connect with Bluetooth enabled devices, allowing for headphone or speaker use.

Orientation

This new and unique feature helps you orient within your surroundings.

Recognise Barcodes

Hundreds of thousands of product barcodes can be instantly recognised.



Simply ask for the text that interests you: "Read the headlines," "Read amounts," or "Start from" a specific section (like "desserts" in a menu) with the new Smart function.



OrCam - MyEye Smart

OrCam MyEye Smart, the most advanced wearable assistive technology, provides independence by allowing access to visual information, conveyed by audio, on a tiny camera which can be attached to any pair of eyeglasses.

Read Text

Including newspapers, books, menus, signs, product labels and screens.

Easy-to-Use

Intuitively responds to simple hand gestures.

Voice commands

Intuitive voice-activated commands available for easy device use.

Portable

Small, lightweight, and magnetically mounts onto virtually any eyeglass frame.

Bluetooth

Connect with Bluetooth enabled devices, allowing for headphone or speaker use.

Works Everywhere

Tiny, wireless, and does not require an internet connection.

Smart Feature

Simply ask for the text that interests you: "Read the headlines," "Read amounts," or "Start from" a specific section (like "desserts" in a menu) with the new Smart function.





OrCam - Read 3

OrCam Read 3 is an all-in-one solution for people with vision loss or reading fatigue. It can be used as a customizable, next-generation magnifier for pictures, handwriting, math formulas, and text; as a handheld reading companion; or as a stationary reader.



Read Text

Including newspapers, books, menus, signs, product labels and screens.

Handwriting

OrCam Read 3 can read handwriting aloud, perfect for letters, birthday cards or notes. Internet browser needed for this function.

Hand gesture control

Point to the text you want the OrCam Read 3 to read. The device does need to be in the stand for this operation.

Portable

Small, lightweight at only 50 grams. You can take the OrCam Read 3 anywhere.

Magnifier

Connect OrCam Read 3 to a browser and view your material on screen. You are then able to magnify the image and change the contrasts.

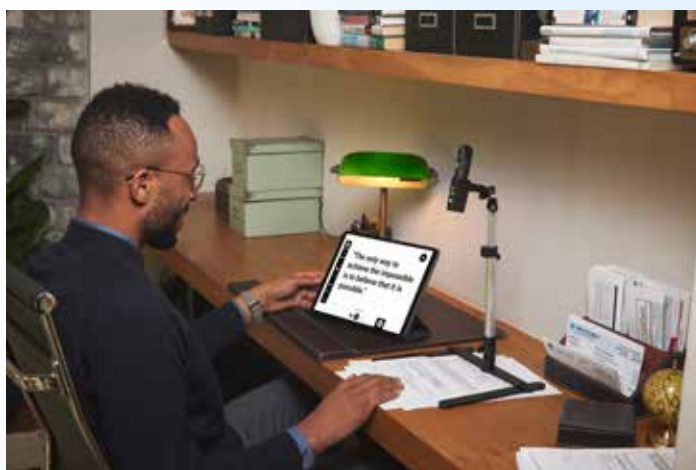
AI Summarisation

This amazing new function will save you listening to everything. Ask OrCam Read 3 questions such as “who’s the author”, “what’s the total price”, “who do i call” and much more.

Full page capture

OrCam Read 3 captures a full page of text with just one press of a button.

Read anywhere, anytime



25



Improvision Proshield




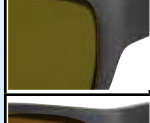




Key

Features

- UV Protection
- Seals off light for glare-free vision
- Lightweight PC polymer
- Matt surface for reduced reflection
- Cloth pouch
- Blue Light Blockers
- Made in Sweden 

These light protection spectacles are designed to eliminate glare for a wide range of eye conditions by blocking out blue light. More useful light can still reach the eye for improved comfort, sharpness and contrast. Each set of filter lenses is available either as a Wrap-Around, or Fit-Over.

Colour	Lens Reference	*% Light Transmission	Suggested use	Model Number	
				Wrap-Around	Fit-Over
	450	82%	Indoors & outdoors on cloudy days	IV80241	IV80261
	C500	72%	Colour-neutral vision Good traffic signal recognition Outdoors on cloudy days	IV80242	IV80262
	511	51%	Reduced glare in high light conditions	IV80243	IV80263
	Tinted 450	32%	Outdoors on sunny days	IV80245	IV80265
	Tinted C500	22%	Colour-neutral vision Good traffic signal recognition Outdoors on sunny days	IV80246	IV80266
	Tinted 511	18%	Outdoors on sunny days	IV80247	IV80267

To request a FREE home demonstration of any OrCam devices

call Freephone 0800 145 6115

Reading Chart (high levels)

Blue skies

N104 = +52D (13x)

greeted him as

N80 = +40D (10x)

he swung open

N72 = +36D (9x)

the tiny bedroom
windows of his old

N56 = +28D (7x)

stone cottage. He looked over
the roofs of the village houses

N40 = +20D (5x)

Reading Chart (low levels)

towards the harbour and the bay
beyond. A warm sea breeze ruffled the

N32 = +16D (4x)

waters and filled the sails of the yachts
making their way towards the harbours mouth.

N24 = +12D (3x)

It was going to be a beautiful day! Brian decided to wander into
the village and have breakfast at the pretty cafe by the

N20 = +10D (2.5x)

harbour masters cottage. The smell of freshly made coffee and pastries met his
nostrils as he stepped through the open door. He glanced around the room

N16 = +8D (2x)

and recognised some of the faces of the locals he had met in the village pub the previous evening. The
weather beaten faces of the fishermen broke into broad smiles as they saw him. He looked around the

N12 = +6D (1.5x)

bustling cafe to find a spare table, but was beckoned to share a table with the ancient retired village schoolmaster, George Hunter.
Having travelled by boat from his native Canada in the 1940's, George had been instantly enchanted by the village

N10 = +5D (1.25x)

and it's friendly hard working people. George had often talked with Brian about some of his pupils, who were now retired themselves. He had also taught their
children and was familiar with as many as four generations of the same family. He was always amazed at his good fortune to have ended up in this

8 Normal Newspaper

village and to have lived so long. He cherished every day and was content with his lot. Brian ordered fresh cups of coffee for both of them and George folded up his newspaper with it's half finished cross word.
George was a bright and alert man despite his great age and although his old joints creaked a little, he still played an active part in village society. He was warmly regarded by all who knew him and was

N6

seen as a fountain of knowledge. Everyone wanted George in their team whenever there was a quiz night at the pub or village hall. Brian was no exception and had fond memories of being on the winning team with free drinks for the rest of the evening. Brian
had on a number of occasions, used George to settle arguments and wagers with the locals about historical facts. His mind was a cornucopia of information and a deep depository of hilarious anecdotes. Who needed the internet?

N5



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E-mail ordersuk@optelec.co.uk

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THE **PACIELLO** GROUP

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