



# CONTOUR

The new standard for 3D stereoscopic displays.



### Key features

- Glasses free operation
- High quality, bright, glare-free 3D FHD image
- Superb depth perception
- Edge-to-edge image sharpness
- Height adjustable
- Maintenance-free operation
- Globally patented technology
- Precision manufactured in the UK

# CLEAR - EASY - COMFORTABLE - COLLABORATIVE

NEW innovative stereoscopic full high definition display- the glasses-free 3D FHD stereoscopic display in the geospatial imaging and related photogrammetry sectors.

CONTOUR next generation display technology delivers a unique high quality combination of image clarity, brightness, consistency, ease of use and operator comfort.

CONTOUR'S 3D full high definition (3D FHD) image is presented onto a precision mirror, which delivers crisp stereo imagery. Simply set up and go. CONTOUR delivers 4 million pixels, with exceptional clarity, depth perception, brightness and contrast, to ensure your image is pin sharp across the entire field of view, from the moment you switch on.

Designed-in 'user-centric' ergonomics deliver a comfortable working position. Peripheral vision and ambient awareness is preserved, making adjacent 2D screen mapping possible with reduced eye fatigue.

The display image is delivered at an ergonomically optimised angle to support good posture, maximising operator comfort while reducing back and neck strain.

No in-use maintenance or adjustment is necessary as the 3D FHD image is presented without any need for screen re-alignment during operation. CONTOUR requires minimal setup, so little training is required and full user benefits are achieved quickly.

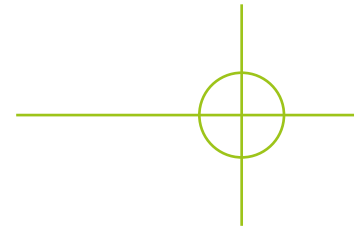
Unique, globally patented, TriTeQ<sup>3</sup> technology ensures the image is always delivered precisely, consistently and accurately, with no flickering, ghosting or cross-talk; latency is gone. Bright, consistent, glasses-free 3D FHD clarity is the new normal.

The high resolution stereo images can be communicated to other CONTOUR workstations, in real time, within sites or across multiple locations, nationally and internationally.





# DESIGNED FOR YOU



Designed with the needs of GIS Professionals in mind, CONTOUR delivers bright, consistent, stereoscopic HD images in an easy-to-use, comfortable system.

GIS professionals work intensively and for long periods. Intensive GIS analysis can be stressful on the body and the eyes. At the same time, GIS professionals must be able to interpret images from many sources of varying quality. Using new, patented digital technology, CONTOUR optimises image quality, depth and ergonomics.

CONTOUR is ideal for a wide range of applications including:

- Photogrammetry
- Mapping analysis
- GIS data interpretation
- Utility/telecom asset management
- Oil and gas exploration
- Military situational awareness and planning
- Meteorological interpretation
- Urban planning

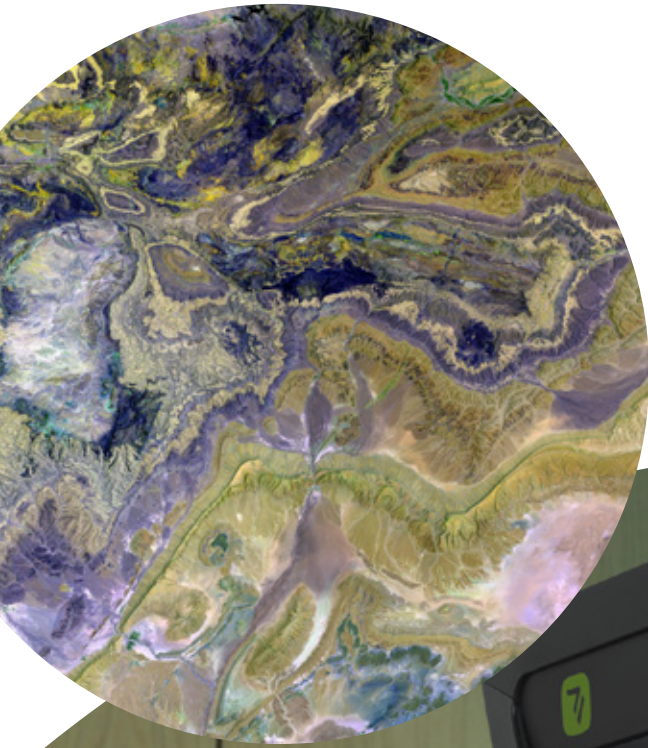
CONTOUR is compatible with stereo supporting GIS software packages.

CONTOUR can communicate high resolution stereo images to third party colleagues and specialist analysts across multiple locations, nationally and internationally, in real time.

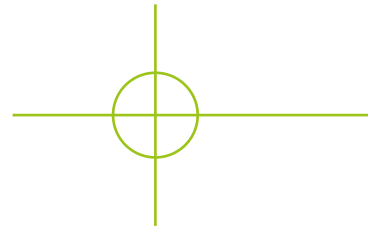




CONTOUR'S **unique stereoscopic technology** enables users to wear prescription glasses as normal.



# DISPLAY TECHNICAL DATA



## DISPLAY HEAD

<b>Resolution</b>	1920 x 1080 per channel
<b>Image Size on concave mirror</b>	400 x 225mm in 16:9 aspect ratio

## INPUTS

<b>Power Supply</b>	100 - 240vac 50 / 60Hz
<b>2 x HDMI (Left and Right)</b>	1920 x 1080 @ ≤ 60 Hz

## OUTPUTS

<b>Image Capture</b>	USB2
<b>Video Capture</b>	HDMI cable to an external video capture card
<b>Connection to external mono monitor</b>	HDMI 1920 x 1080
<b>Connection to second or multiple CONTOUR systems</b>	2x HDMI daisy chain / wifi connection*
<b>Headphone Jack</b>	3.5mm

## STAND

Counterbalanced stand with 150mm vertical travel

## SUPPORTED FORMATS

Quad Buffered Stereo OpenGL/DirectX Applications  
Side-by-side Stereo Applications

## GRAPHIC CARD REQUIREMENT

For Quad Buffered Stereo Applications: Quad Buffered Stereo capable graphic card (e.g. NVIDIA Quadro, AMD FirePRO / RadeonPRO)  
For Side-by-side Stereo Applications: graphic card with capability to support at least 2 displays with HDMI input

\*Wifi requires additional 3rd party hardware

## CONTOUR







# VISION ENGINEERING OUR DIFFERENCE

Vision Engineering Ltd. has been designing and manufacturing high quality ergonomic microscopes, digital instruments, inspection and non-contact measuring systems for over 60 years.

## Innovation

With a philosophy of design innovation, Vision Engineering holds global patents for a number of optical / digital techniques, significantly improving viewing ergonomics and enabling customer quality, accuracy and productivity improvements.

## Quality

Vision Engineering prides itself on quality products, electronics, mechanics and optics and is certified for the quality management system ISO 9001:2015 and the calibration ISO 17025 in both the UK & USA. Quality is as important to us as it is to our customers. Our systems have proved themselves many times over and are chosen by the world's leading companies.

## Global

Vision Engineering has full service, manufacturing and design facilities in the UK and USA, plus sales and support offices throughout Europe, the Americas, the Far East, and Asia. We support our customers with close technical and service support anywhere in the world.



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