



TRIDELITY[®]
DISPLAY SOLUTIONS LLC

Elevating Vision



ABOUT US

About Tridality

TRIDELITY DISPLAY SOLUTIONS has been pioneering the development of autostereoscopic (no glasses required) 3D solutions for almost a decade. We are proud to offer a wide range of award winning single and multi-viewer displays (from 19" to 57") which truly ELEVATE YOUR VIEW and enable the viewer to JUMP INTO THE NEXT DIMENSION. Our displays provide unprecedented quality and viewing comfort, exceptional 3D depth and the highest resolution in the industry. Additionally, our 3D software toolkits for compatibility, content creation and conversion deliver a truly plug 'n play experience.

Who Do We Cater To?

Our solution set caters to the following industries:

- 🚀 Advertising & Digital Signage
- 🚀 Media & Entertainment
- 🚀 Design Visualization
- 🚀 Scientific Visualization
- 🚀 Government & Military

Why Tridality?

We go well beyond just providing the best assortment of high quality 3D displays. Our autostereoscopic solution is not just restricted to the simple use of 3D displays: real time software compatibility, enhancement of 2D media assets to 3D as well as content management for networks of displays are all part of our commitment to providing an end-to-end 3D solution.

We are proud of our history of introducing industry leading and cutting edge technologies and features. Here are some of our latest achievements:

- 🚀 FIRST EVER 3D display with INTEGRATED PC for our 42" model MV4200 (2008)
- 🚀 3D TECH driver for REAL TIME view of ANY 3D content developed in ANY Open G/L application (i.e. Maya, 3D Studio Max, AutoCad, Google Earth, etc) (2008)
- 🚀 Highest resolution in the industry of 1920 x 1200 for our 24" model SL2400 (2007)

TRIDELITY DISPLAY SOLUTIONS is committed to continuing its drive for 3D excellence, providing the best 3D solutions in the industry, and being your gateway to the 3D experience.

PRODUCT RANGE

Multi-Viewer



MULTI-VIEWER display solutions for presentation and digital signage as well as infotainment, entertainment and edutainment.

Single-Viewer



SINGLE-VIEWER display solutions to ergonomical design and modeling in a state-of-the-art 3D workstation.

Model	MV1900	MV2700	MV4200	MV5700
Display size	19"	27"	42"	57"
Resolution	1280x1024	1920x1200	1920x1080	1920x1080
Views	5	5	5	5
Optimal viewing range	4 – 6 ft	6 – 9 ft	9 – 13 ft	12 – 18 ft
Autostereoscopic	Yes	Yes	Yes	Yes
Special feature			Integrated PC	

Model	SV2100S	SL2400
Display size	21"	24"
Resolution	1200x1600	1920x1200
Views	2	2
Optimal viewing range	2 – 3 ft	2 – 3 ft
Autostereoscopic	Yes	Yes
Special feature	Portrait format	Highest Industry Resolution

MEDIA & ENTERTAINMENT

DIGITAL SIGNAGE | ADVERTISING | INFO / EDUTAINMENT

MV4200

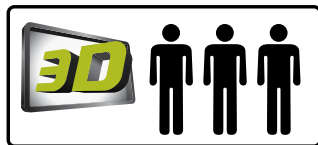
Display size 42"

Resolution 1920x1080

5 Views

Optimal viewing
range 9 – 13 ft

Integrated PC



Introducing The Worlds First 42" Display With Integrated PC

Rapid impact and differentiation are key to reaching your target audience. For the Advertising and Digital Signage community, getting that WOW-reaction is more crucial and challenging than ever. The MULTI-VIEWER series of TRIDELITY 3D displays are the answer to that challenge. With exceptional 3D depth, an industry leading resolution and unprecedented viewing comfort, our displays present the ULTIMATE EYE CATCHER and offer a quantum leap in delivering messages to the consumers.

SELECT

from our range of MULTI-VIEWER DISPLAYS
(19" – 57")

CREATE & CONVERT

Enhance existing 2D media assets with TRIDELITY Toolkit or develop new 3D content

INTEGRATE & MANAGE

Integration of 3D media and content management of (larger) signage networks

Unmatched 3D Effect

- 5 Views for maximum 3D-resolution
- Unprecedented 3D depth
- Large 3D viewing zone
- Real stereo, real perspective, NO artificial 2D plus Depth Map
- 3D watching for multiple viewers at a time
- No need of 3D glasses / goggles

Technology / compatibility

- Flexible high precision optical element
- High definition parallax barrier
- High quality anti-reflection, panel protection film
- Plug-ins for 3D content creation with Maya®, 3D Studio Max®
- 3D TECH driver for interactive compatibility with any Open G/L based 3D application, such as Google Earth, AutoDesk, and many more
- Content management and post production software kit

SCIENTIFIC VISUALIZATION

MEDIAL | BIOTECHNOLOGY | LIFE SCIENCE

Endoscopic Surgery

Endoscopic surgery and the application of 3D displays in interaction with 3D endoscopes represent the future of modern surgery. Endoscopic, neurological, dental or arthroscopic surgeons can carry out local or long distance interventions, while they follow their actions in real-time, directly on a monitor. A TRIDELITY display considerably enhances the precision and realism of the surgeons' perspective, providing as close to a local and "inside" the subject experience as possible.

Diagnostics

The diagnosis of CT data or radiological data can be conducted much more precisely and more reliably using state-of-the-art 3D technology. The diagnosis and analysis in 3D helps the scan reviewer to better and more effectively assess the patient's condition prior to or during surgery.

Molecular Modelling

3D representation tremendously enhances the visualization and thus the investigation and development of new chemicals and drugs. With the use of specific software tools, molecular structures can be analyzed in detail and work processes can be carried out in real time in 3D, without the use of glasses or polarization filters.

Product Recommendation

For **SCIENTIFIC VISUALIZATIONS** i.e. highly sensitive areas such as endoscopic surgery, we suggest deploying TRIDELITY's SINGLE-VIEWER displays combined with a state-of-the-art tracking system.

Our displays ensure the highest stereo-resolution in the industry, the most precise 3D depth quality in the market and excellent ergonomics throughout the process.

For **PRESENTATIONS** to a larger audience during an exhibition, seminar or event, we suggest using TRIDELITY's MULTI-VIEWER displays. Work results can be emphasized more effectively and presentations are more impressive.

SV2100S

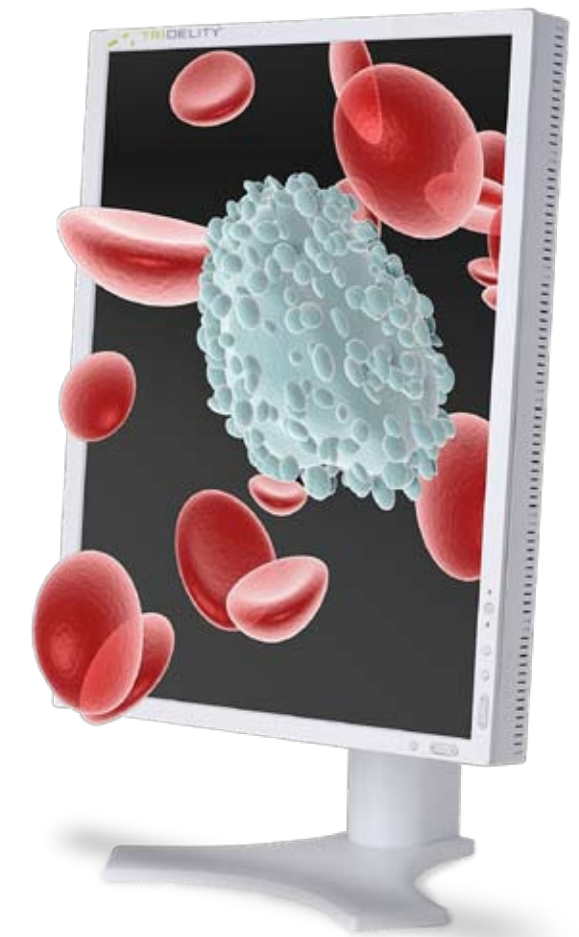
Display size 21"

Resolution 1200x1600

2 Views

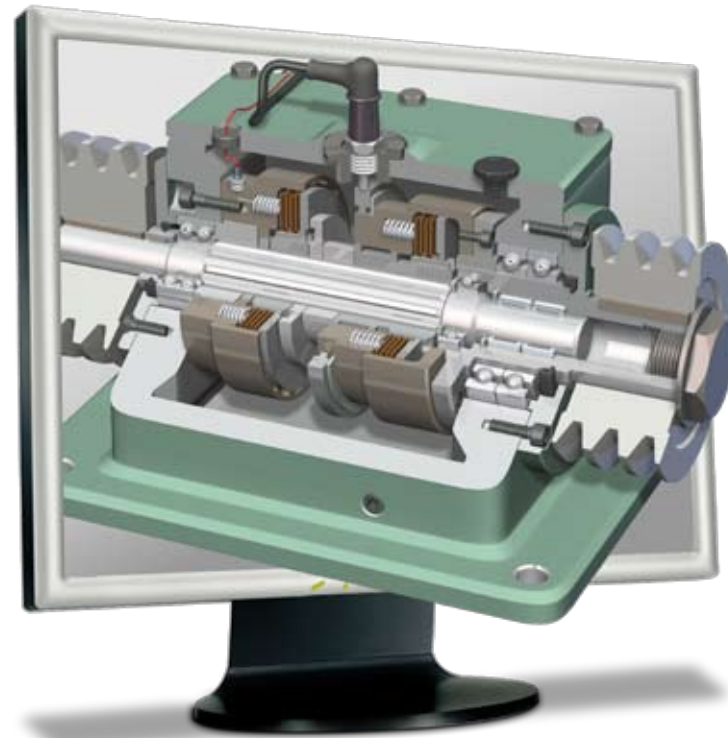
Optimal viewing
range 2 – 3 ft

Portrait format



DESIGN VISUALIZATION

ARCHITECTURE | ENGINEERING | SIMULATIONS



MV1900

Display size 19"

Resolution 1280x1024

5 Views

Optimal viewing
range 4 – 6 ft



ARCHITECTURE

Autostereoscopic 3D visualization delivers valuable support when it comes to the design and modeling as well as the presentation of a structure, building or other architectural components. Using a TRIDELITY 3D display, the architect is able to develop faster, detect errors earlier and more effectively solve issues. Furthermore, the effectiveness of a 3D demonstration to a customer will certainly impress and inspire.

ENGINEERING

Through the CAD/CAM design and modeling process in various 3D applications (i.e. CATIA, Maya, SolidWorks) engineering models are already developed in 3D. However, only the visualization of in 3D truly boosts the development process: trouble shooting is easier, error detection goes faster and the problem solving process is faster.

SIMULATIONS

Autostereoscopic 3D displays are increasingly used for simulation purposes. In contrast to 3D projectors, 3D displays need far less space to evaluate simulated scenes. Flight maneuvers, for example, can be easily discussed deploying 3D displays. Mission debriefings in 3D enhance the pilots' imagination of the mission, lead to a better learning curve and improve the analysis of situations.

Product Recommendation

For **DESIGN VISUALIZATIONS** i.e. during the development of an architectural structure, we suggest to deploy TRIDELITY's SINGLE-VIEWER technology combined with a state-of-the-art tracking system and our 3D Tech driver to connect to ANY Open G/L 3D application.

Our displays ensure the highest stereo-resolution in the industry, the most precise 3D depth quality in the market and excellent ergonomics throughout the process.

Our 3D TECH driver enables real-time visualization of any rendered 3D content from ANY Open G/L 3D application including AutoCad, Rhino, Maya®, 3D Studio Max®, Google Earth, etc.

For **PRESENTATIONS** to a customer, a work shop, during an exhibition, seminar or event, we suggest to deploy MULTI-VIEWER displays. Presentations are much more impressive and structures, models or complex components can be emphasized more effectively.

PC GAMING

3D ENTERTAINMENT

Gaming

TRIDELITY is taking your gaming into a whole new dimension. With our autostereoscopic MULTI-VIEWER 24" display you are able to experience all forms of 3D entertainment: Movies, photos and of course, GAMES. And, the greatest thing about it:

YOU DO NOT NEED GLASSES!!!!

Through our award winning 5 view technology, you and your peers can simultaneously experience an unprecedented viewing comfort, that allows for hours and hours of 3D viewing without any glasses.

Switch easily from 2D to 3D mode if you want and enjoy the following (and many other) major games:

- ✔✔ World of Warcraft & Warcraft III
- ✔✔ Transformers - The Game
- ✔✔ Call of Duty (all versions)
- ✔✔ Need for Speed (Most Wanted, Underground 2)
- ✔✔ Battlefield (all versions)
- ✔✔ Guild Wars
- ... and many more

MV2400

Display size 24"

Resolution 1920x1200

5 Views

Optimal viewing
range 2 – 3 ft





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Reach for the next dimension

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