



3D PluraView

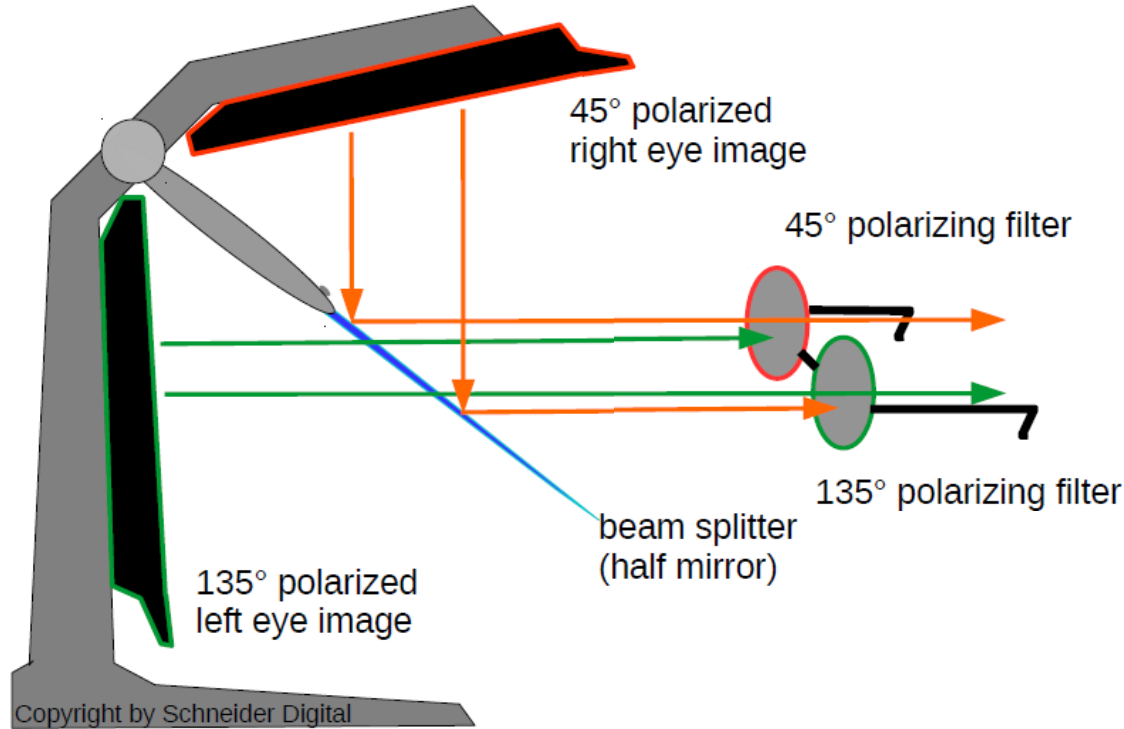
The Reference of 3D-Stereo Displays



schneider
digital

Professional 3D-Hardware

How the passive 3D stereo monitor works



13 years of passive 3D stereo experience



2005

3D PLANAR
SD1710 / 17"



3D PLANAR
SD2020 / 20"



3D PLANAR
SD1710 / 24"



3D PLANAR
SD2420W / 25"



2016

3D PluraView
FHD 2,5K 4K / 22", 27/28"

For the highest requirements in all 3D stereo applications



High resolution



Flicker free



Daylight suitable



Plug & Play



Compact design



Wide Visual Angle



Software Certified



Noble design

Choose the reference in stereo visualization!

- ✓ Passive Stereo Monitors have the **highest user acceptance** of any 3D display technology available on the market.
- ✓ 3D PluraVIEW users can work relaxed in window seats thanks to the high brightness.
- ✓ The flicker-free 3D stereo display with the highest resolution measurably increases the motivation of the users.
- ✓ Long-term experience in shift operation with highly qualified users who have been working with it for 10 years.
- ✓ The new 3D PluraVIEW models with 4K resolution per eye provide **new applications** in **BIM** or **laser scanning**.
- ✓ **NEW!** Professional addition to the HMD **VR PluraView** with **Head & Object Tracking** now available!



Restrictions on alternative 3D Monitors

- ✗ The **active shutter technology** provides a very dark 3D stereo image due to the principle.
- ✗ High-frequency shuttering burdens the eyes and leads to rapid fatigue.
- ✗ Daylight or neon light amplifies the flicker.
- ✗ Row-wise **circularly polarized** displays reduce the resolution by 50%.
- ✗ Pixel-accurate work is almost impossible with line by line polarized monitor. Fonts and menus are hard to read.
- ✗ The filters on the monitor and the 3D glasses lead to a dark 3D stereo image.
- ✗ **Autostereoscopic monitors** that work without glasses are only available to a single person, if the distance and angle to the monitor are correct.



Field of Application

Unique 3D-Stereo experience – Daily continuous operation experience

- ✓ Biochemistry / Microscopy
- ✓ Oil & Gas prospecting
- ✓ Simulation & VR training
- ✓ CGI / 3D Video editing
- ✓ Mechanical Design / CAD
- ✓ Archeology
- ✓ 3D City model visualization
- ✓ Industrial Measuring / Laser Scanning
- ✓ Photogrammetry
- ✓ GIS / Mapping
- ✓ Computed tomography & surgical planning
- ✓ Crystallography / biochemistry














3D PluraView – Software & Partners

Supported Software Applications

			
Z / I ImageStation	Digi3D	Geomedia	PurVIEW
			
Vr Two	Softplotter / KDSP	Leica Geosystems	Socet Set / Socet GXP
			
Gcarto	Match-AT / DTMaster	IMAGINE Photogrammetry	Photomod
			
uSMART	VirtuoZo	ArcGIS PRO	Strabo
			
			Atlas

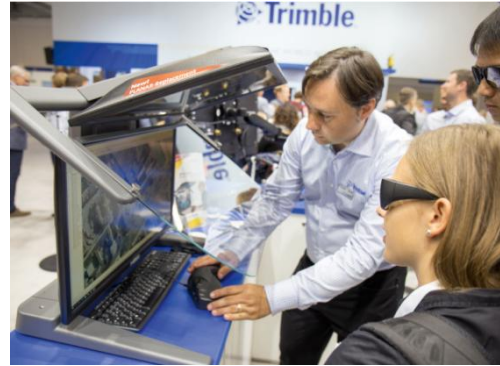
Active Distributors

		
PhotoScan	TerraStereo	Summit Evolution
		
RhinoTerrain	SOLITECH AD	ArcGIS
		
GeoDyn Technology	South	Swift Integrator Pte Ltd
		
Brisight Technology	Wipco 3D Scan & Solutions	

Application Examples & References



RhinoTerrain



Trimble DTMaster



Terrasolid TerraStereo



esri ArcGIS



DATEM Summit Evolution



Leica Geosystems

Two housing shapes, three diagonal diagonals

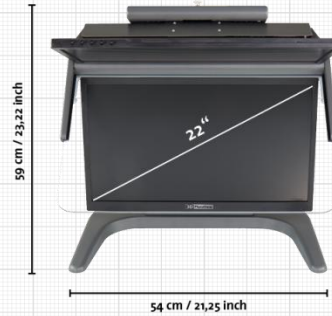


FHD

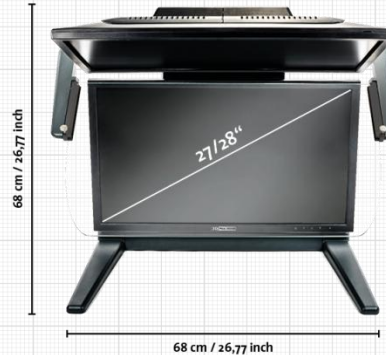
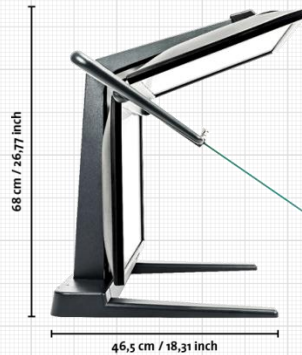
4K

2,5K

The 3D PluraView Family – Suitable for every requirement



3D PluraView



3D PluraView



Full-service solution provider ...

... for professional 4K, 3D and VR hardware




Complete-Solutions – 3D-Mice

GIS and photogrammetry instruments

softmouse 3D



 *Stealth 3D Mouse*



Complete-Solutions – 3D-Mice

3D controller for CAD applications



Most powerful graphic cards

AMD RadeonPRO & NVIDIA Quadro



RADEON
PRO



PNY™



High-End Workstation-Solutions for complex GIS-Requirements



- Latest Intel Xeon, AMD EPYC or AMD Ryzen Thread Ripper processor technology
- High-speed processors (up to 2x 28 cores on Intel platform, up to 2x 32 cores on AMD EPYC)
- Up to 2 TB faster DDR-4 ECC memory
- Up to four high-end graphics cards for CUDA or OpenCL applications in a workstation
- High performance RAID with up to 12 Gbps. Transfer rate (SAS 3.0 technology) on request also with lightning fast SSD (Solid State Disks) with up to 10 TB of memory
- Optional ultra-fast 10 GBit LAN for connection to the file server
- Highest quality of the components used
- Also server and cluster solutions possible



LASER smart VR wall

with high resolution 3D stereo



- Cutting-edge laser projection technology for a service life of more than 10 years
- Highest brightness 6x 4,000 Ansi lumens
- 120 Hz technology
- Full 4K resolution even in 3D stereo
- Integrated wireless media control
- Freestanding construction, 70 cm deep

120Hz

4K

3D





AIRBUS

Johnson & Johnson

TUM



ASML





More information online:
www.schneider-digital.com

www.pluraview.com

www.vrwall.com

www.grafikkarten.com



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