3D Displays

FUJITSU

3D Global

2D displays, which have been almost exclusively used to this point, lose critical information in visualization. They convey no depth impression which normally arises with human spatial vision. 3D Global's screens and display systems make it possible to see objects in front of, in and behind the screen. This so-called autostereoscopic display can generate three-dimensional perception without the annoying addition of helmets or glasses.

Company Overview

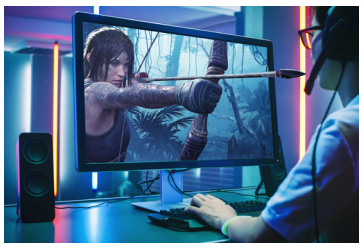
- Company Name: 3D Global GmbH
- Headquarters: Lengefeld, Germany

- More than 25 years of engineering experience
- Vast patent portfolio with regards to auto-stereoscopic 3D (non-glasses 3D)
- Production 100% in Germany

3D Global & Fujitsu

- Exclusive cooperation and distribution agreement with FEEU
- 3D Global: product development, customization and fitting to products, production
- Fujitsu: sales and supply chain worldwide, technical customer support

Product and Services



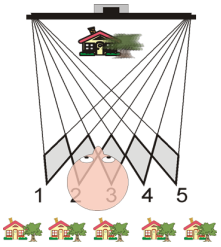
- Customized 3D monitor development and production (from 4" to 100")
- Customized optical 3D filter development and production
- Optical bonding services for optical 3D filter elements
- Support with 3D content creation
  - Camera set-up
  - Shader configuration
  - 3D video player
  - Standard plug-in for common 3D animation tools (eg. unity)
- Flexible business models according to customers' requirements

"Our market launch is coming just at the right time, as the demand for 3D display systems is growing worldwide," says Dr. Matthias Hohenstein, Managing Director of 3D Global. *"The technology offers numerous application possibilities anywhere 3D representations are improving information collection. This could be the case in automotive and medical display technologies, industrial environments, as well as in the film and gaming industry or even in fitness equipment."*

3D Displays

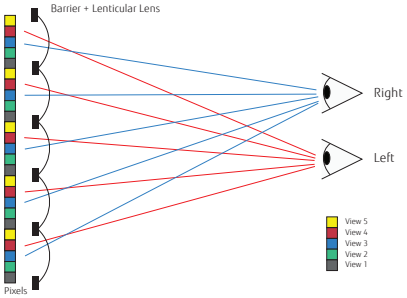
Auto-Stereoscopic 3D

- Best autostereoscopic 3D (=glasses-free 3D) displays in the market
- 3D vision without glasses (or other gear)
- Each eye sees different images on the same screen
- Lenticular lenses structure can be customized for EVERY LCD screen
- Unlike in the cinema, more than 2 "views" are possible
- Move left and right supported to see from different angles

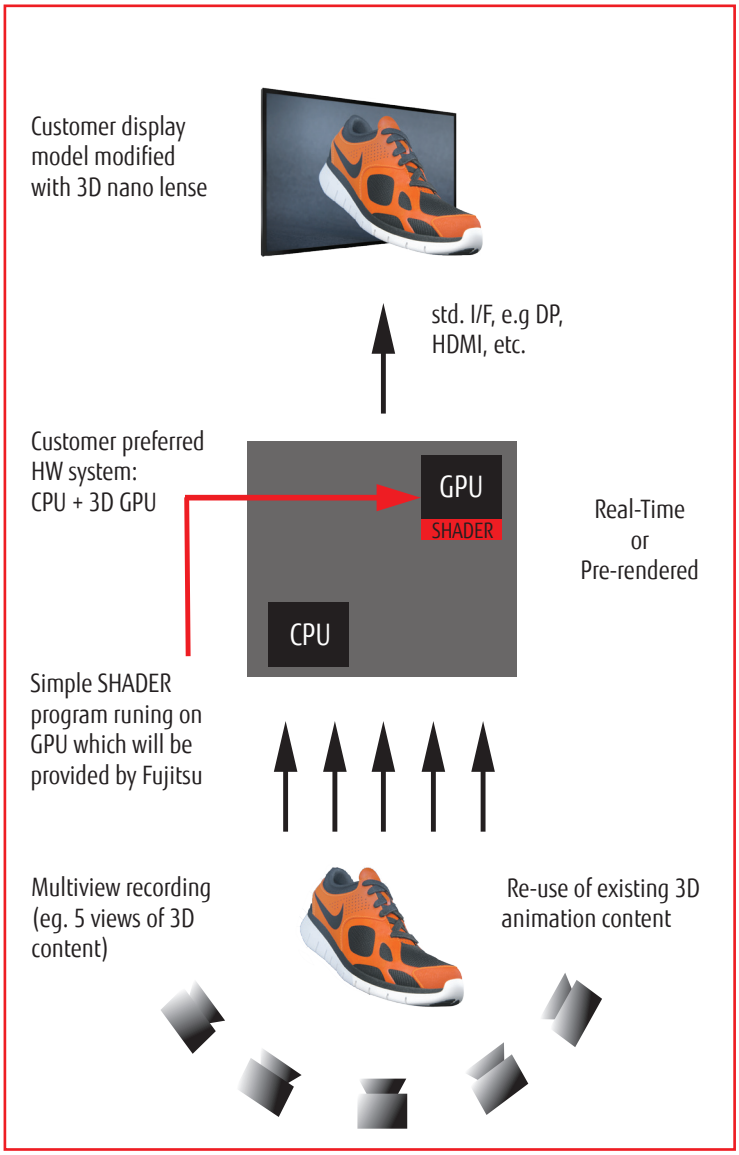


Characteristic

- Improved algorithm compared to "van Berkel"
- Reducing errors by precise integer lens-to-subpixel ratio
- 3x higher number of "real" intermediate views for smooth transition
- Unique combination of lenticular lenses and barrier elements result in unmatched 3D image quality and sharpness.



Content Generation Flow



Standard Displays

Screen size	Resolution	No. of views	Opt. viewing distance	Part Number	Availability
5.5"	1440 x 2560	5	0.6m	3DG-D055WQHPM05O070-TAA	available
8.9"	2560 x 1440	5	0.6m	3DG- D089WQXLM05O070A-NAA	CW 19
12.5"	3840 x 2160	5	0.7m	3DG-D125UHDLM05N070A-NAX	available
32"	7680 x 4320	8	1.2m	3DG-D-UP3218K_3D-A	available
43"	3840 x 2160	8 (tbc)	2.20m (tbc)	3DG-D-FW43BZ35F_3D-A	CW 24

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