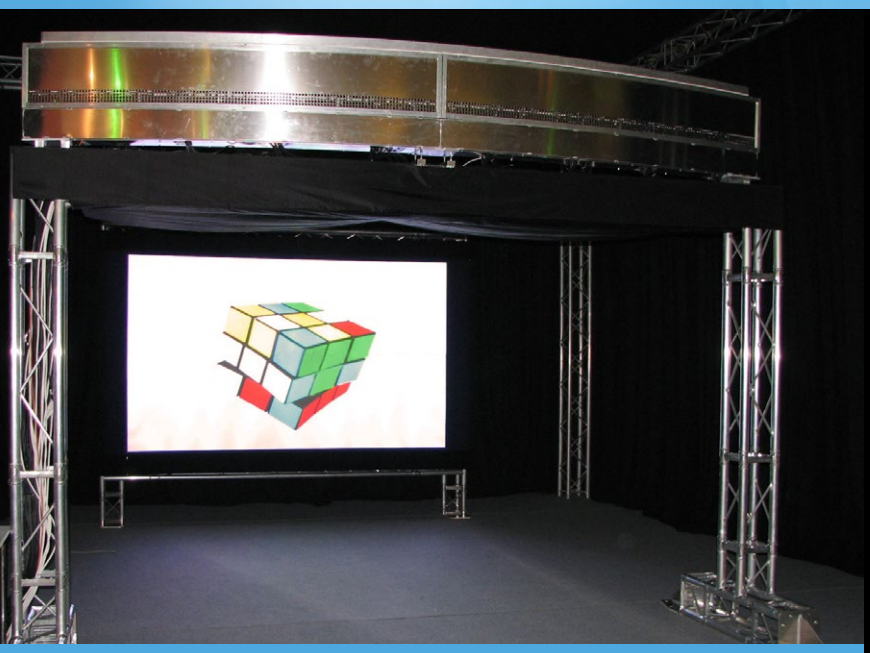
HOLOVIZIO™

Natural 3D displaying



Acknowledgements:

ARI(VA)^2 EUREKA Project

The ARI(VA)^2 project is proposing strong innovation in the domain of visualisation for virtual automotive production / design, through: ... the development and integration of a holographic display system. *Partially supported by www.eurekanetwork.org/project/-/id/4000*

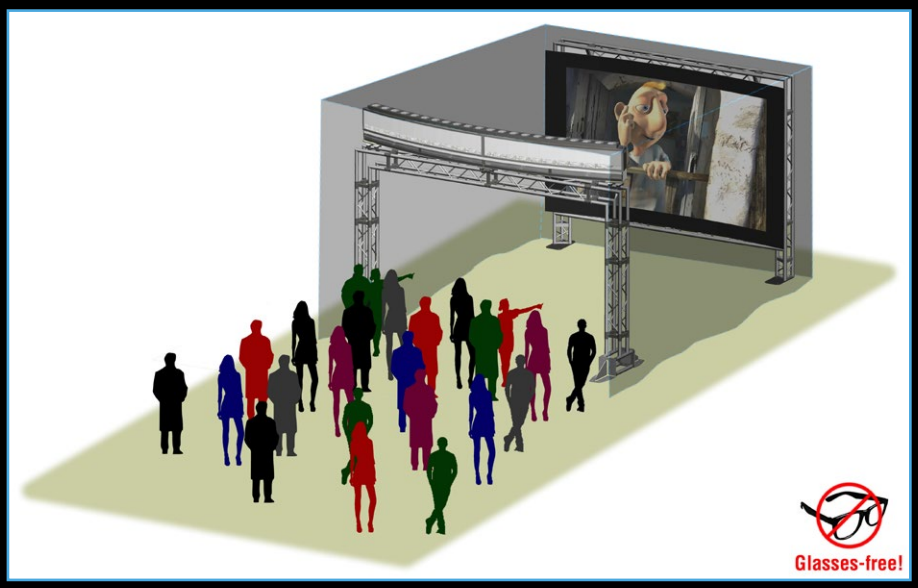
Muscade EU FP7 Integrated Project (ICT-247010 IP)

MUSCADE will create major innovations in the fields of production equipment and tools, production, transmission and coding formats allowing technology independent adaptation to any 3D display and transmission of multiview signals. *Partially supported by www.muscade.eu*

Light Field ™

Glasses-free 3D Cinema

- ► *No glasses*
- ► *No headache*
- ► *No optical contradictions*
- ► *Natural view*
- ► *Continuous motion parallax*
- ► *No viewer positioning*
- ► *Vivid LED colours*
- ► *2D compatibility*
- ► *Fitting cinema rooms*
- ► *3D Home Cinema, 3D simulators*
- ► *Full support of 3D light field format*



Product specification:

Product name
HoloVizio C80 Glasses-free 3D Cinema System
Aspect ratio
16:9
Screen size
140" - 3 m x 1,8 m
3D resolution
63 Mpixel
Viewing angle
40° horizontal
Colour
16 Million brilliant LED colour (24 bit RGB)
115% NTSC
Brightness
1000 cd/m^2
Input
Gigabit Ethernet
Compatibility
PC
Dimensions
4 m x 3,5 m x 5 m + viewer area (auditorium)
(W x H x L)
Mass
900 kg
Power network compatibility
50 Hz ... 60 Hz
Nominal voltage level(s)
230/400 V, 115/200 V (3 phases)
Power Consumption
18 kW
Operating temperature
+0°C ... +25°C
Relative humidity
Max. 80% / 50%
Usage type
Indoor

HOLOGRAFIKA

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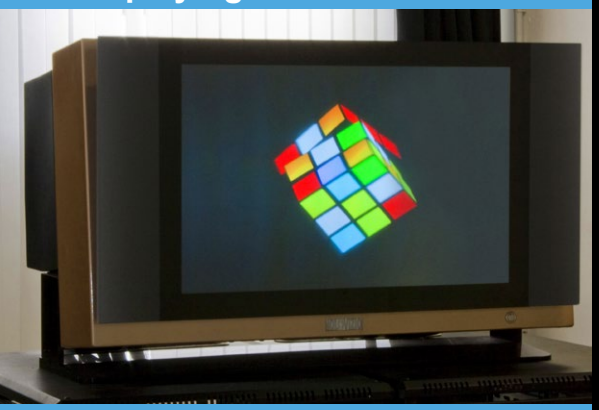
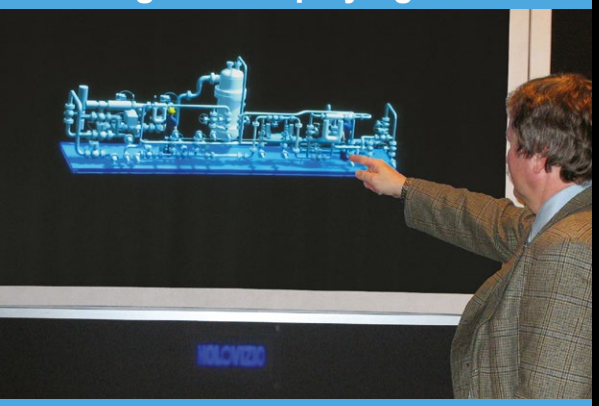
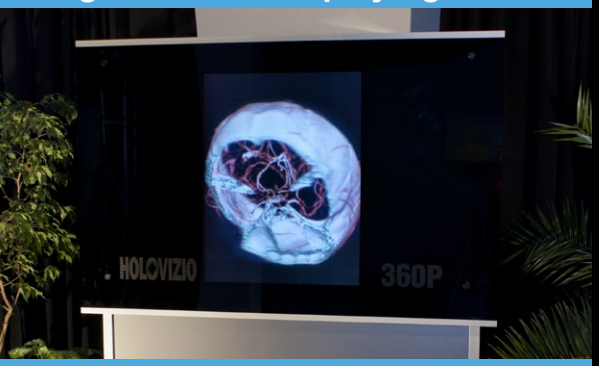
3D displaying with interaction



Full-angle 3D displaying

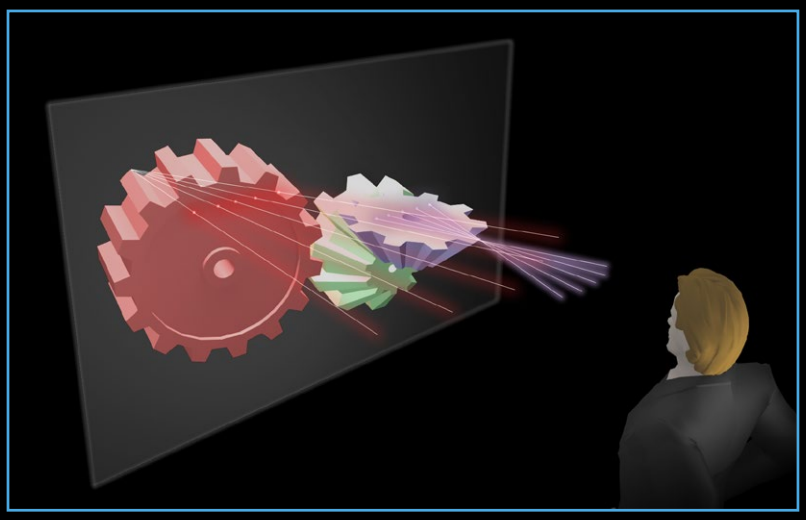


Large scale 3D displaying

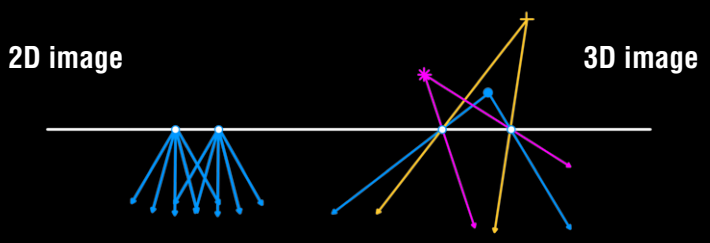


General purpose 3D displaying

See your 3D data "as is"



The holographic 3D display system developed by Holografika overcomes the limitations of the current 3D displays, reconstructing natural 3D images to a number of viewers in a reasonable field of view, with walk-around possibility without any restrictions.



The 3D Light Field technology is a high-end approach compared to other solutions and fullfils all the requirements of real 3D displaying simultaneously

www.holografika.com

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