

ScreenSim.Net

04-426 Warszawa, Kadrowa 99/404

ScreenSim

Modular Dome Projection Screens

Special Offer

Overview

The **ScreenSim** Modular System allows us to create immersive planar, curved or spherical Dome Projection Screens of almost any size and configuration.

Using various size of elements, durable fiber glass polyester laminate with white gel coat surface makes it easy to design and manufacture our Dome Screen to fit any customer requirements.

Our most popular screen of 3,3 meters height, 3,3 meter radius and 180° horizontal field of view, 60° vertical field of view fit to the standard military simulators. However, **ScreenSim.Net** is able to create every custom solutions for simulation and bespoke display needs from oblong screens for truck training simulators to full spheres for completely enclosed environment.

The **ScreenSim.Net** Modular Dome System is designed to be self supporting at smaller sizes is easy deployable and rapidly erected in any internal or external environment . **ScreenSim** surface is naturally damage resistant and rigid enough to be suitable for long term usage.

Delivery, Configuration @ Installation

ScreenSim.Net Modular Spherical System is available in several standard configurations, or we can custom design and manufacturing to provide customer specification which is required.

Standard Dome Screen panels are shipped in a compact , customized box and can be fully installed within a day. **ScreenSim.Net** offers full design,

shipping and installation service. Elimination of any visible seams between the panels can be achieved with the following methods, depending on the visual fidelity required:

- Screwing-up the panels and do nothing extra. Such screen is suitable for many users.
- Screwing-up the panels and use the included special tape to cover seams, than finish with suitable paint
- Screwing-up the panels and fill the seams with the compound supplied by **ScreenSim.Net** to cover seams, than finish by sanding and painting. Only recommended for permanent installations.



ScreenSim installed in the training centre of the Polish AirForce Academy

Application

ScreenSim supports in an arc beneath a platform or simulator. For example it allows a helicopter crew trainee to see below the craft, or military forward observes to simulate the edge of a valley or building. Also suited to certain semi-permanent amusement or commercial installation.

- Military
 1. Aircraft simulators

2. Ship simulators
- Civilian application
 1. Driver trainings
 2. Truck or train simulator
 3. Immersive home theatre,
 4. Immersive game room,
 5. Event @corporate displays

Fully customized solution

Screen.Net supports with commercial projectors and image processor suitable for every application. Depends of the visual fidelity required we are using standard short throw projectors with single PC using a Matrox Dual/TripleHead2Go splitter up to fully professional WUXGA projectors with color wheel dedicated to visual simulator image and professional image processor for geometrical correction, edge blending and color matching.

ScreenSim.Net

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