



IMMERSASIM
THE ULTIMATE SIMULATION EXPERIENCE



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WELCOME TO IMMERSASIM 270



THE ULTIMATE SIMULATION EXPERIENCE

The ImmersaSim 270 provides a powerful yet portable display solution truly unique in the sim racing and flying sectors. By offering an uninterrupted and distortion free view spanning 270 degrees horizontal, an unparalleled sense of realism may be experienced, where the virtual world is all encompassing.



EXPERIENCE IMMERSION LIKE NEVER BEFORE!



UNPARALLELED REALISM

An ultra-realistic simulation capable of merging both reality and the virtual world, The ImmersaSim 270 incorporates all elements that define a real in-cockpit experience to recreate an augmented, high-fidelity visual display system for both avid drivers and flying enthusiasts alike.

270 DEGREES OF FREEDOM

Offering an ultra wide and distortion free field of view, horizontally twice that of most VR headsets, a true sense of realism may be experienced. Unlike triple monitor systems, content is precisely mapped to the dome screen surface- seamless without bezels. Since every part of the display is at equal viewing distance, perfect focus is maintained at all times without conscious effort, vital for fast paced motor sport.

GEOMETRICALLY PERFECT

Geometrically the virtual world appears real, as it should from the driver's seat. You may sense a challenging car fast on your inside or glimpse around the next hairpin without restriction or compromise. For hardcore motoring or flight enthusiasts and those simply seeking the most authentic simulation experience, the ImmersaSim 270 offers an ultra-realistic visual experience like no other.

CLASS LEADING TECHNOLOGY SUPERLATIVE PERFORMANCE

TRIPLE PROJECTION SPHERICAL DISPLAY SYSTEM

Meticulously engineered to deliver the greatest field of view possible of triple frustum simulation, ImmersaSim creates the perfect visual and gaming environment. Precisely centred around the viewers eye-point, everything is perfectly optimised to deliver maximum quality. From our optically engineered screens to state-of-the-art projection technology, not only is planar content presented on the spherical format, but efficiently with zero content loss or distortion, maximising the available light output and resolution of the projectors.

IMMERSAWARP

Only ImmersaSim uses the proprietary warping & blending software ImmersaWarp. This software is developed exclusively for this system and was optically modelled to ensure 100% geometrically accurate display. The pre-embedded configuration is based on the specific system layout and optical components. The result is premium quality warping and edge blending that takes seconds to setup.

EXTENSIVE COMPATIBILITY

ImmersaWarp software is hooked directly to the GPU so the system behaves as a triple monitor setup. ImmersaSim 270 is therefore compatible with all triple screen titles and windows desktop applications!

INCREDIBLE FIDELITY

Experience ultra detailed visuals as the projected images combined provide nearly three times the original resolution. This alongside our high contrast surface and high dynamic range projection ensures a lifelike view seemingly alive with depth.

NVIDIA RTX A5000/HD
RTX 6000ADA/4K



BLISTERING PERFORMANCE!!!

Running 4K smoothly, with warping and blending, takes some seriously dedicated hardware. Therefore the greatest simulator must include the most powerful pro use GPUs currently available. With our professional PC suite, ImmersaWarp enabled, the visual quality will leave you stunned!



30,000 Hrs MAINTENANCE FREE

The ImmersaSim 270 uses the very latest LED projection technology for an incredible 30,000hrs maintenance free operation as well as low power consumption, low noise and low heat output. Other advantages include exceptional colour reproduction, high contrast ratio and brightness of approximately 3000 LED lumens.

CRYSTAL CLEAR MOTION CLARITY & SUPER FAST RESPONSE

DLP projection technology combined with up to 240hz frame rate eliminates motion blur and makes input lag virtually non existent, at just one frame. That is approx 4ms at 240hz/1080p or 16.7ms at 60hz/4K. The end result is fluid motion that looks razor sharp and your controls instantly connected to the race car.

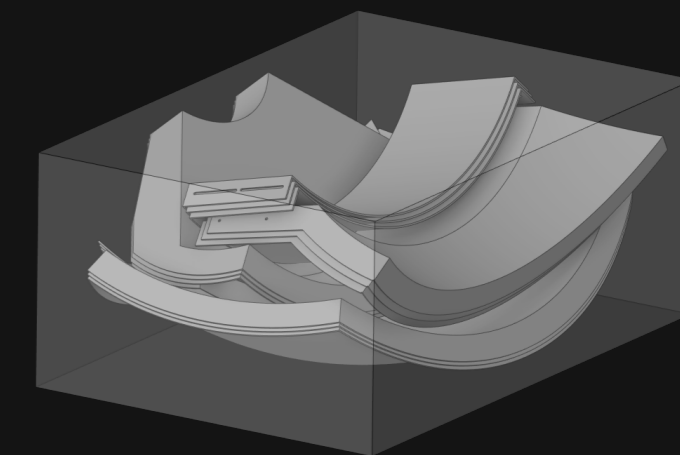
MODULAR GRP CONSTRUCTION

The 2.125m radius dome can accommodate large sim rigs, most motion platforms and even a small cockpit. The stackable GRP panels give unrivalled portability. When assembled the dome panels provide a very rigid structure suitable for both mobile and permanent installations.

The large canopy prevents ambient light and the external projectors are mounted high to limit heat, noise, cockpit shadowing and provide standing headroom. The integrated base panels are height adjustable too maintaining a centralised eye-point. The entire system may be assembled by 2 persons in under an hour, including projector calibration!



1650 x 1150 x 700mm



EXTENDED REALITY COCKPIT EXPERIENCE

The ImmersaSim 270 with its expansive field of view offers endless possibilities for creating the most immersive experiences. But to truly enhance its realism, nothing beats incorporating a real cockpit surround. The tangible connection to the vehicle provided by the cockpit, combined with the vast and realistic virtual world displayed seamlessly through the windows, makes it feel as if you're truly in the driver's or pilot's seat.

With the addition of a motion platform and other special effects, the boundary between reality and simulation is blurred to the point of becoming indistinguishable. Nothing comes close to the ImmersaSim 270 in its potential to create an experience that feels truly real. Whether you're looking for entertainment, training, or any other application, the ImmersaSim 270 is the ultimate immersive experience. And with the incorporation of a real cockpit surround, it takes that experience to the next level.



In Car Driver Training



Cockpit Flight Simulation



Cockpit surround, motion actuators, reflective mirror system, g-force seat, wind simulation and other special effects can be provided at additional cost.

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THE ULTIMATE ATTRACTION

While virtual reality headsets make it possible to experience the thrill of flying or racing, this may not be the best commercial option due to sharing equipment, potential discomfort, and lack of a shared experience to attract onlookers.

The ImmersaSim 270 offers the best possible alternative, with its unique and captivating design, scale, open delivery and presence. The ability to both entice onlookers and amaze participants are the main ingredients for a show-stopping spectacle. The ImmersaSim 270 readily becomes the centre of attention at corporate events, trade shows, gaming conventions, and many more.



EXCELLENT COMPATIBILITY

Compatible with all windows desktop applications and triple screen racing and flight simulators with 270 degree multi view-port rendering.

Assetto Corsa Com/Pro, Project Cars 2/Pro, iRacing, rFactor 2, Automobilista 2, RaceRoom, Euro Truck Simulator 2, American Truck Simulator, Live for Speed, DCS World, XPlane 11/12, MSFS2020 +

SPECIFICATIONS SUMMARY

2125mm Internal Diameter GRP Dome perfect for cockpit, motion rig, even an instructor or passenger.
GRP canopy with externally mounted projectors to limit heat, glare, fan noise and ambient light.
Optional height adjustable aluminium profile legs or height adjustable GRP base system.
270-degree horizontal field of view with approx 44- 58 degrees of vertical field of view.
Portable and Lightweight system with stackable GRP panels. Fits in a large estate car or small van.
Overall shipping dimensions: 1650 x 1150 x 700mm. System weight 60kg approx

3 x LED DLP projectors with 30,000+ hours of maintenance free operation. HD/4K options.
Windows 11 Pro- 13th Gen Intel PC running Nvidia RTX-A/ADA series GPU for High Performance.
Proprietary ImmersaWarp 3Ch warping & edge blending software for quick setup and perfect geometry.



SYSTEM SPEC

270	STANDARD	PREMIUM
CPU	Intel Core i7 13700K	Intel Core i9 13900K
GPU	RTX A5000	RTX 6000ADA
RAM	32GB DDR4	64GB DDR5
RES	Full HD x 3 LED DLP	4K x 3 LED DLP
HZ	1080p 60/120hz	1080p 60/240hz 4K/60hz
SOFT	ImmersaWarp HD	ImmersaWarp 4K
POW	1410w (max)	1560w (max)



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