



Teq4

▶ **ScreenTeq™**

Thoughtful design meets elegant engineering for a highly cost-effective, large-scale LED display solution.

▶ **Screens Designed for You**

Imagine you had the ability to design your own screen. Any size, any shape, any resolution or brightness. Curved, wavy, round or spherical. What would you create?

With the advent of advanced modelling and high-precision made-to-order manufacturing, Teq4 has developed the workflow, processes, and capability to build practically any type of screen that you can imagine.

▶ **ScreenTeq by Teq4**

Next-generation LED display technology for immersive domes and theatres.

Engineered for perfection and best-in-class performance, ScreenTeq provides unparalleled visuals and audio quality for a completely immersive audience experience.

Perfectly suited to the requirements of immersive rides, giant screen theatres, large-scale themed experiences and planetariums, each ScreenTeq solution is uniquely designed to optimise quality, performance and investment.

▶ **Pixel-Perfect Immersion**

Choose ScreenTeq's highest resolution options for an unmatched visual experience for your audience.

▶ **Applications**

- Museums & Science Centres
- Theme Parks
- Entertainment Hubs
- Educational Institutes
- Large-scale Events
- Destination Attractions
- Out-of-Home Experiences
- Brand Experiences
- Large Format Signage
- Mega Canvasses

www.teq4.com

▶ ScreenTeq™

Specifications

Full-dome & Spherical Environments:

- Multiple sizes to fit various venues and requirements
- Custom radii tailored to specific needs

Alignment & Shape:

- Vertically aligned domes
- Tilted domes for unique viewing experiences
- Half-dome structures available for specific applications

Structure:

- Certified self-supporting structure for maximum durability and safety

Positioning Flexibility:

- Greater flexibility in positioning visitors and ride systems for optimised audience immersion

Pixel Pitch:

- Optimised to the viewing conditions for each environment, from 0.8mm. Standard acoustic fidelity options: 2.7mm, 3.8mm

Resolution:

- Ultra-high dome master resolutions:
- 8K x 8K for 20m/2.7 dome
- Up to 12K x 12K for 30m/2.7 dome

Frame Rates:

- Default high frame rates for smooth visuals
- Optional 120 FPS capability for ultra-crisp motion capture



Pixel-Perfect Mapping & Server Architecture:

- Integrated server architecture allowing uncompressed native resolution at up to 10-bit RGB 4:4:4
- Guaranteed pixel-perfect mapping for flawless visuals

Acoustic Features:

- Acoustically transparent display surface for an unobstructed and precise sound experience.
- Lifetime Image Alignment:
- Ensures consistent image quality in:
 - Resolution
 - Brightness
 - Contrast
 - Colour Space
 - Geometry

Operational Efficiency:

- Instant power up/down capability
- Reduced start- and end-of-day procedures, resulting in lowered operational costs

Rear Accessibility & Diagnostics:

- 100% rear access for easy maintenance and diagnostics
- Modular monitoring and diagnostic systems for optimal performance tracking

For more details, inquiries, or custom solutions, please contact our ScreenTeq product team. Specifications are subject to change without notice.

