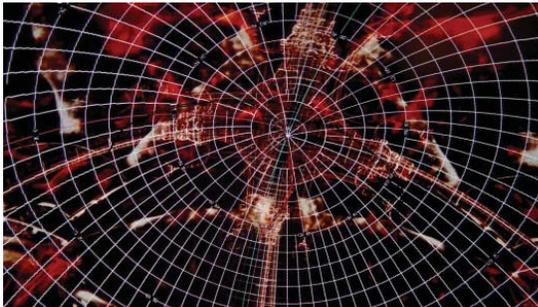


CASE STUDY

BEING BRUNEL MUSEUM INSTALLATION CENTRE SCREEN & ELECTROSONIC • MARCH 2018

PROJECT DETAILS



The SS Great Britain Museum wanted to create an immersive exhibit that would transport museum visitors back to the Victorian Age and into the life of renowned British engineer, Isambard Kingdom Brunel. Brunel is one of Britain's greatest engineers (second only to Winston Churchill some thought). Among the many legacies he left to the world was the wrought iron steamship called the SS Great Britain.

UK based film and multi-media company, Centre Screen, won the project bid and looked to Electrosonic for the software and hardware solution. Electrosonic chose Navitar's 3.5X wide angle fisheye conversion lens to meet the full-dome projection requirement.

"What's unique about this project is how the full-dome projection blends together and works seamlessly with the large wrap around "point-of-view" (POV) section of the film," says Centre Screen's creative director, Paul Kucharski.

Full dome projection was achieved using two Optoma ZU650 projectors with wide angle Navitar conversion lenses to achieve a completely mapped dome video surface. The POV section of the film was created using three ZU650 projectors and blended together using a 7th Sense server to control multiple channels of uncompressed video in various shapes and sizes.

Details excerpted from Centre Screen's case study written by Lisa O'Neil and published on www.MuseumsandHeritage.com.

NAVITAR SOLUTION USED



3.5X Fisheye Conversion Lens

Two 3.5X wide angle lenses with Optoma ZU650 projectors
Full dome projection