

domeprojection.com[®] ProjectionTools

domeprojection.com[®] ProjectionTools is the most versatile automatic display calibration software available for calibration of arbitrary screen shapes. It is scalable from portable, easy-to-use single camera systems for temporary installations up to high-end fixed installations requiring multicamera calibration. No matter which ProjectionTools system you use: It offers you as many projector channels as you need and as high resolution as necessary (including 4K). You can use any warp and blend solution, IG and media server for your setup.

ProjectionTools Pro AV – media installations in their most versatile forms

ProjectionTools Pro AV is the dedicated software package for the precise setup of large media installations. Depending on the size and complexity of the projection screen, one or more cameras/camera positions enable a quick and easy measurement. The mapping will be configured and exported two-dimensionally. On top of it, our ProjectionTools allow absolute image brilliance by adjusting the brightness, clipping, fade-out and blending. The ProjectionTools Pro AV software package is ideal for staging, rental and event.

Target markets & applications

- EXPO, events, concerts and trade shows
- Themed entertainment, leisure and amusement parks
- Planetariums, museums, science centers
- Exhibition and digital cinemas

Basic Requirements

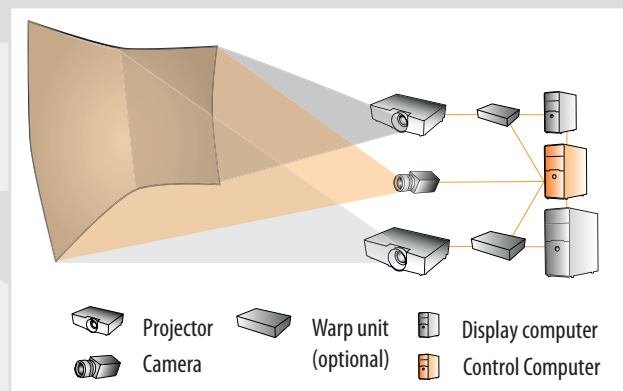
- Windows or Linux based display system
- Windows 7/8/10 based control computer

Features

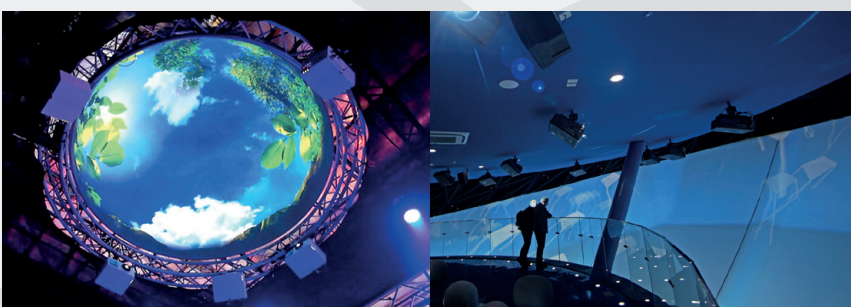
- Camera based calibration of multi-channel projection systems using single or multiple camera positions or cameras
- Supports any standard screen geometry (flat, cylinder, fulldome, sphere, and even mixed variants)
- Maps any three-dimensional content on arbitrarily shaped screens
- AutoAlignment: recalibration of systems can be done with a few clicks: fast, easy and failsafe recalibration of projection systems for technicians on-site (regularly or after maintenance)
- Single camera and even uncalibrated cameras can be used
- Warping, blending and black-level-correction export for several media players and hardware/software solutions
- Media content preparation

Complementary products

- ColorMatch: calibration of projector gamut and brightness
- NWarp: warping and blending directly on graphics cards
- NBlend: patented optical blending mask technology for pure and smooth black projections (e.g. night visuals)



General system setup



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