

Scalable Display Manager™ - Automatic camera-based projector alignment software

- One-touch recalibration
- Fast, efficient & cost-effective
- Perspective calibration
- Supports multiple & dynamic eyepoint



Courtesy of NSC Creative

Scalable Display Manager (SDM) is a software application that automatically calculates warps and blends for multiple projector arrays for cylindrical, dome, and any shape or size of screen. SDM is directly integrated with many leading image generators, warping boxes and media playback devices. Powered by patented camera-feedback technology, SDM calculates pixel perfect warps and stores the results as a Scalable Mesh File (SMF). The automatic recalibration guarantees your display is ready with a touch of a button eliminating costly downtime and reducing maintenance.

Benefits of Scalable Display Manager:

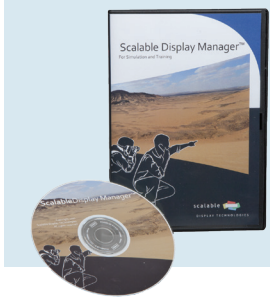
- Scales across multiple PCs, warping boxes or other integrated solutions
- Intuitive user interface
- One-touch recalibration
- Fast multi-projector alignment and blending
- Precise pixel alignment for mesh uniformity
- Reduced maintenance costs and time

Features:

- Custom system configurations
- Multiple screen geometries supported - flat, cylinder, domes and custom .OBJ
- Support for diskless IGs
- Distributed rendering applications
- Field of view automatically calculated for immersive environments
- Lightweight display client
- Software or dongle licenses available
- Orthographic and perspective mesh options
- Supports multiple and dynamic eyepoint
- Supports day/night switching for mechanical baffles
- Scheduled calibrations run daily/weekly without user intervention

Target Markets:

- Military simulation
- Virtual & augmented reality
- Visualization environments
- Command & control rooms
- Business collaboration and conferences rooms
- Interactive and touch displays
- Museums and houses of worship
- Advanced video playback and digital signage



Basic Requirements:

- Scalable Host OS: Windows® 7 64-bit Home Premium or better (Home Basic not supported) or Windows 8.1 64-bit.
- 6GB of RAM and 25GB of hard disk space and 100Mbit network card
- Scalable Display Client OS: Windows or Linux with OpenGL capable graphics card
- Discrete GPU from NVIDIA or AMD (avoid integrated GPUs)
- Logitech C920 Webcam, Canon Rebel Series or Gigabit Ethernet camera*

*Visit www.scalabledisplay.com for specific model recommendations