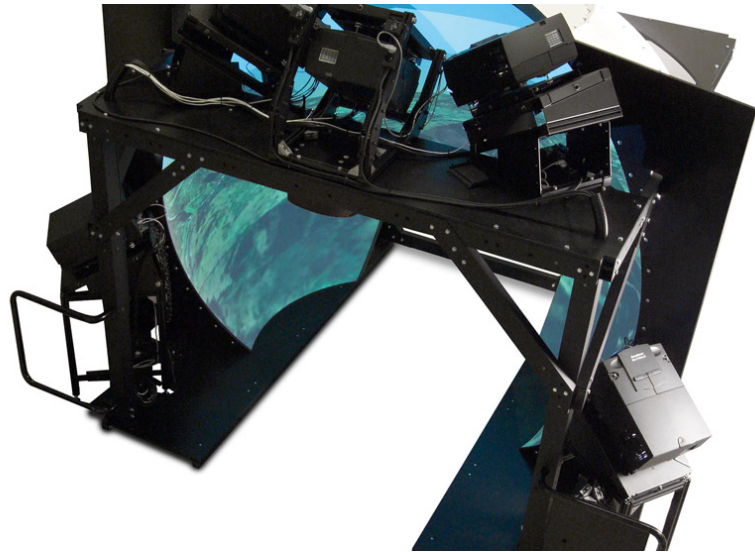


# SEER

## Compact training and simulation dome display



The Barco SEER mini-dome is a **complete visualization system** developed for a wide variety of immersive training applications. It is a **compact and flexible** solution designed to maximize training space. The SEER mini-dome system provides constant eye relief over the entire 240°/270° spherical surface and optimizes out-of-window scenes, enabling users to **experience full-immersive training** at a level not previously possible. Barco engineered this system to accommodate **4 or 5 or 8 visual channels**, depending on the application, budget, and visual requirements.

### Typical applications:

- Distributed Mission Operations
- Threat station
- Player station
- Air-to-air/air-to-ground combat
- Fast jet, vehicle, or boat
- Pilot-in-the-loop
- e-Dome replacement
- Forward observer
- Single driver
- Helmet mount display replacement
- Research

### Key benefits:

- Small footprint and low height profile
- Configurable to meet unique facility and budget needs
- Several mini-domes can be linked together for networked training
- Optimized projection technology for matching color, brightness, grayscale, and other visual parameters
- Uniform resolution across all channels of the dome
- Operates as a discrete system with a single, scalable interface
- Uniform pixel size from front to top channels
- High-resolution growth path with light-valve technology

**BARCO**

Visibly yours

# Technical specifications

<b>Horizontal field-of-view (HFOV)</b>	<ul style="list-style-type: none"><li>• 4-channel system: 270°</li><li>• 5-channel system: 240°</li><li>• 8-channel system: 240°</li></ul>
<b>Vertical field-of-view (VFOV)</b>	<ul style="list-style-type: none"><li>• 4-channel system: 130° (+90°/-40°)</li><li>• 5-channel system: 105° (+90°/-15°)</li><li>• 8-channel system: 155° (+120°/-35°)</li></ul>
<b>Radius</b>	<ul style="list-style-type: none"><li>• 4-channel: 4.59 feet (1.4 m)</li><li>• 5-channel: 5.09 feet (1.55 m)</li><li>• 8-channel: 6.56 feet (2 m)</li></ul>
<b>Dome tilted</b>	<ul style="list-style-type: none"><li>• 4-channel: 20°</li><li>• 5-channel: No</li><li>• 8-channel: No</li></ul>