



Ellipsoid OmniMirror combined with the Canon 4K501ST on the Spider®

## Introducing Cobra Spider®

The **Cobra Spider®** is a single channel projection system for large immersive displays. The **Spider®** is a flexible solution that can be fitted to any new or existing dome screen. It combines our latest **OmniMirror** technology with an ellipsoid surface giving greater control over pixel density and distribution. Pixel density can be increased as much as 30%. This new platform is compatible with most standard throw projectors. The flagship **Cobra Spider®** Advanced system has been designed to ship with **Canon's 4K501ST** projector which incorporates their latest feature "**Marginal Focus**". Combining **OmniMirror**, **Marginal Focus** and our unique **Cobra True Dimension**, **OmniMap®** or **OmniMap®** software. The result is an edge to edge focussed image with up to 180° horizontal field of view.

The **Spider®** system is offered as part of our **Cobra Horizon®** Panorama and Portal solutions. It is deployed in any scenario where an immersive experience is needed for more than one person, or a large simulation installation. A vehicle cockpit or museum exhibit for example. Many of our configurations are fully portable, offered with premium flight cases and are easily deployable. Removing complex and long installation times and costs. Combining clever and stylish design with solid engineering, **Cobra Horizon®** offers a truly breath-taking, immersive experience on a big scale. Research has shown that we learn through experience. Why not make it immersive?

Cobra Spider® Solutions	Cobra Spider®	Cobra Spider® Pro	Cobra Spider® Advanced
Compatible with Panorama, Portal screen shapes.	✓	✓	✓
Viewing and interacting with HD immersive content.	✓		✓
Demanding HD immersive training and simulation.	✓	✓	✓
Professional simulation and training.		✓	✓
Highly customisable, suitable for medical, military simulation training.			✓
Ultimate immersive experience, where frequency and latency matter.			✓

### Typical Uses

**Cobra Spider®** delivers large scale immersive audio visual experiences . Our solutions are deployed all across the globe in projects ranging from military simulation training to entertainment. We work with museums to add the wow factor to exhibits and allow for immersive learning, resulting in greater visitor numbers every year. Over the years our network of partners has grown to allow us to take on almost any challenge. These include integrators, universities and exhibition designers to deliver immersive experiences and simulations. Why not get in touch today? You can reach us at:

contact.cobra@cobrasimulation.com or +44 (0) 1506 592266

### Includes Cobra Care:

**Cobra Spider®** comes inclusive with Cobra Care. Get a Project manager and experienced engineers for a care free installation and deployment:

- Project managed from day one.
- Thorough pre-install factory acceptance testing.
- Experienced system engineers for care free installation.\*
- Dedicated 10 day post-install support.

\* Project expenses for all installations are billed at cost plus 15%.