



CONNECTING SCIENCE

INSPIRING DISCOVERY

SUPPORTING NEXT-GENERATION SCIENCE VISUALISATION

HyperGlobe GmbH designs and delivers immersive visualisation systems for museums, science centres and educational institutions across Europe. Its expertise includes OmniGlobe spherical display systems and Science on a Sphere (SOS) environments, transforming complex scientific data into engaging, interactive experiences. To support these demanding installations, HyperGlobe integrates Lindy's professional connectivity solutions across its projects.

From HDMI® and DisplayPort cables to network infrastructure, HDBaseT™ extenders and matrix extenders, Lindy products provide reliable signal transmission and dependable performance where image quality and system stability are essential.

The collaboration demonstrates how professional AV connectivity can provide the reliable foundation behind immersive visualisation experiences.

THE CHALLENGE

Science on a Sphere and OmniGlobe installations require the synchronised delivery of high-resolution visual content across multiple projection systems and displays. Any interruption or degradation in signal quality can affect the visitor experience and compromise the accuracy of scientific visualisation.

The installations also need to accommodate long cable runs while remaining reliable, discreet and easy to maintain. As each project is unique, the AV infrastructure must be flexible enough to support different exhibition layouts and future upgrades without sacrificing performance.



LINDY'S SOLUTION

HyperGlobe integrates Lindy connectivity products across its installations to provide reliable AV infrastructure. For the Science on a Sphere installation in Urdaibai, Lindy HDMI® cables, network cables, HDBaseT™ extenders and matrix extenders formed the backbone of the AV system, ensuring dependable signal transmission throughout the exhibit.

Across its wider portfolio of projects, HyperGlobe also regularly specifies a broad range of Lindy networking, video, USB and professional AV connectivity products, allowing the company to standardise on reliable components for installations in museums, visitor attractions and educational environments.

PRODUCTS USED



Extends and distributes 4K60 HDMI® signals to up to four displays over Cat.6 cable at distances of up to 70m.

No. 38328



Extends 4K60 HDMI®, USB, audio, IR and RS-232 signals up to 100m over a single Cat.6 cable using HDBaseT technology.

No. 38343



Extends 4K60 HDMI® signals up to 50m over a single Cat.6 cable, with PoC, IR control and an HDMI® loop-out for a local display.

No. 38205



3m High Speed HDMI® cable from the Anthra Line, delivering reliable 4K video and high-quality audio transmission.

No. 36964

"Reliability is essential to every installation we deliver. Lindy's professional connectivity solutions provide the stable performance and dependable signal transmission we need for our immersive visualisation projects. We trust Lindy products to help deliver a seamless visitor experience."

Fabian Mühlberger, Project Manager, HyperGlobe GmbH



Scan to learn more about the application.

RESULTS & BENEFITS

By integrating Lindy's professional AV connectivity solutions into its projects, HyperGlobe benefits from reliable signal transmission, stable long-distance video distribution and a robust infrastructure built for continuous operation. The flexibility of Lindy's product portfolio enables the company to adapt each installation to the specific requirements of museums, science

centres and educational environments while maintaining consistently high performance. The Science on a Sphere installation in Urdaibai, Spain is one example of how this partnership delivers dependable AV connectivity for immersive scientific experiences.



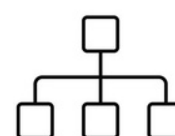
SECURITY & RELIABILITY



COST EFFECTIVE SOLUTION



CUSTOMER SATISFACTION



SCALABILITY & FLEXIBILITY