



DIGISTAR LITE

Unleash the Universe, anywhere, anytime!

THE OVERVIEW

Tailored Options for Diverse Budgets and Domes

Skypoint Planetariums and **Evans & Sutherland, a Cosm Company**, proudly present the Digistar Lite, a **compact and versatile single-channel planetarium system** designed for small to medium-sized domes. This innovative system brings the wonders of the universe into classrooms, mobile planetariums, small museums, and more, with stunning visuals and crisp audio that captivate audiences and enhance educational engagement.

Digistar Lite combines advanced Digistar software with reliable, compact hardware, making it an unparalleled educational tool for diverse settings. This single-channel planetarium can be tailored to meet varying budgets and space requirements, offering flexible options with different projectors and features. The system uses a **customized version of Digistar software** that includes core features and supports optional add-ons such as Cloud Library, Show Builder, STEAM, Domecasting, and more.

The intuitive user interface makes Digistar Lite accessible for operators of all skill levels, ideal for educational institutions aiming to inspire the next generation of astronomers and scientists. With flexible options, customizable features, cost-effective pricing, and low maintenance requirements, Digistar Lite ensures that even venues with limited budgets can provide a high-quality astronomical experience. Additionally, comprehensive training and support from Skypoint Planetariums ensure seamless integration and operation, making Digistar Lite the perfect choice for any educational environment.

Digistar Lite offers various projector options to accommodate different budgets. Whether you need a cost-effective solution or a high-end setup, we have the right projector to meet your needs without compromising on quality.



THE HARDWARE

Digistar Lite is ideal for planetariums managed by associations or educational programs, offering portable, easy-to-setup equipment. This allows educators to bring the wonders of the universe to various locations with ease. **It features a fully integrated flight case that houses the projector, lens, and PC**, making it a compact and efficient solution for on-the-go astronomical presentations.

Hardware Highlights

Extreme Portability

The chassis is constructed from PP-T polymer composite material, providing **exceptional lightness and durability**. The flight case is designed as a trolley, complete with attached wheels, for easy transportation.

Ready to Use

No special tools are required for setup. Simply remove the top panel and projector side plate, plug in the power cord, and **the system will boot up in under five minutes**.

Fully Integrated Computer and Audio

All computer components are housed within the shockproof flight case, allowing easy maintenance access. The system includes external USB, HDMI, and LAN ports, and an NVMe SSD to prevent data loss during transport. An **integrated 2.0 audio system** with an analog amplifier ensures high-quality sound.

Forget Cables

A single power cable runs the entire system, including the computer, router and projector. This streamlined design eliminates the clutter of multiple cables, ensuring a quick and easy setup.



Versatile Production Workstation

Digistar Lite can seamlessly connect to an external HDMI monitor and be used with a keyboard and mouse, **transforming it into a production workstation**. This setup allows you to write scripts, edit, or render full-dome shows, and participate in software training.

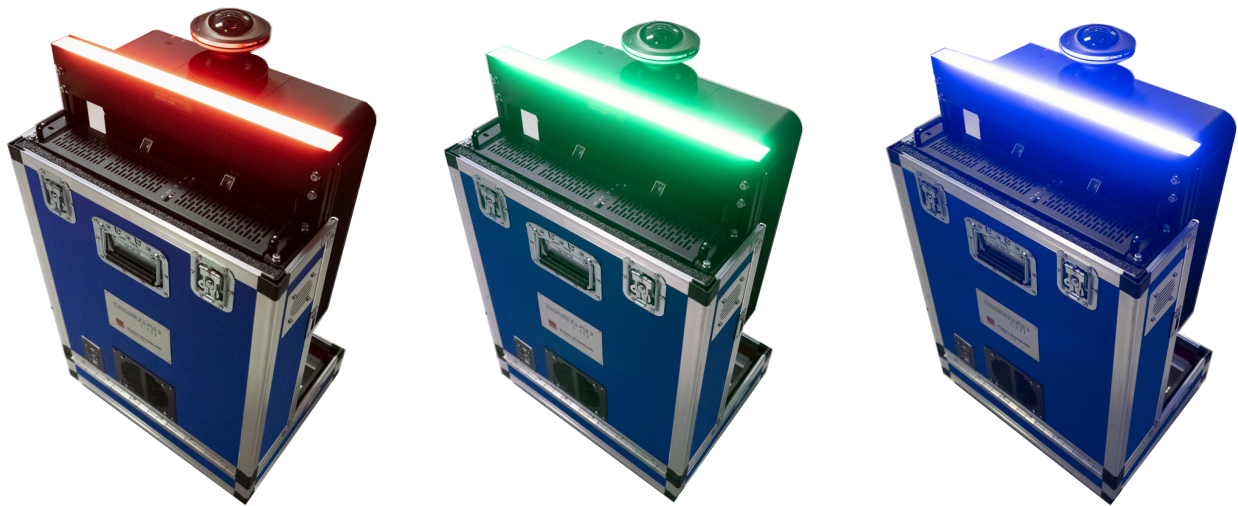
Fish-eye lens

All Digistar Lite models use a **high-quality, 180° fisheye lens directly connected to the projector** without the use of converters or diagonal mirrors commonly found in entry-level competitor systems. This configuration assures maximum optical quality and maximum efficient light projection on the dome. The advanced capabilities of Digistar enable the vertical projection angle to be digitally reduced, allowing for a lower projector placement while maintaining optimal viewing quality.



Integrated LED Lights

The system features a **high-brightness RGB LED bar** for simple and elegant entrance and exit illumination, or more elaborate lighting effects controlled directly from Digistar Lite.



*‘Explore
Inspire
Discover’*



OPTIONALS

Audio & Accessibility Upgrades

Accessibility Audio Package/ALS

To ensure inclusivity, we offer an **optional audio package that includes one transmitter and ten personal ALS (Assistive Listening System) radio frequency receivers** with personal induction loop necklaces.

This system provides movie narration for hearing-impaired visitors and can also be used for second-language narrations or simplified narrations for children with learning disabilities. These hardware upgrades enhance the functionality and accessibility of Digistar Lite, ensuring a superior experience for all users and audiences.



Audio Upgrades

Digistar Lite comes standard with a 2.0 audio system with speakers and analog amplifier integrated into the chassis. For those seeking **enhanced audio experiences**, we offer two additional audio solutions:

7.1/5.1 Audio Output

This upgrade allows Digistar Lite **to connect to an existing or customer-provided 5.1 or 7.1 audio system**, providing a richer, multi-channel audio experience.

Immersive Audio 4.0

This option includes **four high-power speakers mounted on two travel cases**. These speakers connect to Digistar Lite to deliver superior audio quality, ideal for mid to large domes. Benefits include better coverage for the entire audience, a wide frequency response and a lightweight design with wheels for easy transportation.



Optional Microphones

For added versatility, you can request a **USB microphone** with volume adjustment, enhancing live presentations and interactive sessions.

THE CONTROL OPTIONS

How to Control Your Digistar Lite: Choose Your Preferred Method

Multiple Device Compatibility

Digistar Lite can be operated using an **iPad, Android tablet, or laptop**. The included Digistar Lite Virtual Controller works with any of these devices, providing intuitive touch controls to explore the universe. You can multitask with multiple windows, making it easy to manage different aspects of your presentations simultaneously.

Embedded Digistar Virtual Controller

The embedded Digistar Virtual Controller is a revolutionary tool installed directly on a tablet as a plug-in. It offers an **intuitive interface with virtual joysticks and customized buttons**, allowing you to navigate space and perform planet flyovers with ease and providing a user-friendly way to manage all functions.



Manual Control Console **OPTIONAL**

To supplement the Digistar Virtual Controller, we offer optional manual control consoles. These physical devices feature **customizable LED buttons, knobs and buttons to change pages**. Functions such as launching shows, running scripts, adjusting volume, and controlling lighting can be easily managed. The console connects to the computer and requires no external power, offering a convenient and customizable control option.



Smart AR Glasses **OPTIONAL**

This solution allows to redefine the way content is displayed, offering tailored solutions for **text, subtitles, and more, ensuring inclusivity and accessibility for all visitors**.



For operators, this system doubles as a versatile tool, offering wireless control panels for show management, akin to any modern device, enhancing operational efficiency and flexibility.

Digistar Lite Software: a powerful tool for exceptional educational experiences

Digistar Lite leverages the same powerful Digistar software used by the world's leading planetariums, customized to meet the specific needs of educational institutions, mobile planetariums, and small museums. This ensures reliability, high performance, and an intuitive user experience.

Core Features

Comprehensive Astronomical Database and Real-Time Simulations – Show Playback and Management – Extensive Library Access and Advanced Navigation – Production, Scripting, and Enhanced Visualizations – Customizable Content Creation and Interactive Learning Modules – Intuitive User Interface (UI) – Interactive Dome View – Multilanguage Support

Enhance the educational potential and interactivity of Digistar Lite with Optional Add-Ons

OPTIONALS

Digistar Lite capabilities can be significantly enhanced with optional software add-ons, providing even greater educational potential and interactivity. Here are some key add-ons available:

Digistar Cloud/Data2Dome

Digistar Cloud provides an “always-on” connection to a vast cloud library where users can share and access videos, audio, models, images, and other content with the Digistar community. Includes Data2Dome, offering real-time access to images and videos from major astronomical organizations.



Sky Survey

The Sky Survey add-on provides simultaneous **access to digitized images of the sky, astronomical catalogues, and databases**. Facilitates visual comparison of observational data with optical sky images and reference catalogues.

High Terrain Mode

This feature transitions planetary models to high-detail terrain models when zooming in on the surfaces of Earth, the Moon, and Mars. High-resolution terrain and photographic textures provide stunningly realistic flyovers of various landscapes.

Science on a Sphere and Solar Dynamics Observatory

Science on a Sphere (SoS) visualizes **large data sets from NASA, JPL, and other scientific institutions**. The Solar Dynamics Observatory control panel allows users to display the Sun in various layers and textures, with real-time updates available for a dynamic and detailed view.

Unity Plug-In:

Integrates the Unity game engine allowing the creation and streaming of 2D and 3D games and scenes.

Show Builder

Show Builder is a **visual production tool** designed for users unfamiliar with scripting. It allows the **creation of real-time shows by taking snapshots of scenes and assembling them on a visual timeline**. This intuitive tool makes it easy to build, edit, and share engaging presentations.

Digistar STEAM

The Digistar STEAM library includes **interactive content for exploring science, technology, engineering, art, and mathematics**. It features 3D models of the human body, viruses, bacteria, weather patterns, and more. This add-on enriches the educational experience by covering a wide array of topics beyond astronomy.

*‘Exploring
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THE SUPPORT

Comprehensive Support Included with Digistar Lite

Training for the Digistar Lite system is ensured through numerous videos included with the system, which cover all aspects of the software clearly and comprehensively, complete with examples. The user manual, on the other hand, covers all aspects of hardware usage.

Included Membership to Digistar User Group (DUG)

All Digistar Lite systems can include a **first-year membership to the Digistar User Group (DUG) upon request**. DUG is an independent organization managed by Digistar customers and offers a vibrant community for users, featuring discussion boards, user-generated online resources, and an annual conference. This platform facilitates knowledge sharing, technical support, and networking opportunities, enhancing the overall Digistar experience and ensuring users can maximize the potential of their systems.

Digistar Lite, with its advanced software and extensive range of add-ons, offers limitless educational possibilities. This digital planetarium system provides immersive, interactive, and customizable educational experiences. From classrooms to community engagement, Digistar Lite empowers educators to bring the universe to life and ignite a passion for learning in students of all ages.

SKYPOINT PLANETARIUMS

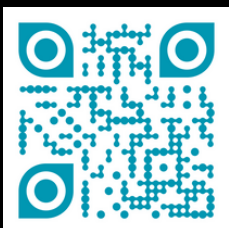


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