

Digistar Outreach Mobile Planetarium

Until now, the quality, performance, and spectacular content found in larger planetariums have been completely out of reach for small portable, mobile planetariums. But now, there's Digistar® Outreach from Evans & Sutherland, an all-new projection system that brings to smaller planetariums the same digital revolution that has already begun to sweep larger installations.

The perfect solution for portable or mobile Planetariums, Digistar Outreach offers a whole new universe of exciting presentations and revenue potential to small planetariums owners and operators—all at an incredibly low price.

Based on Digistar, the world's most advanced digital Planetarium system; Digistar Outreach combines a complete color star projection and astronomy package with full dome video playback and digital surround sound. It also offers real-time rendered and textured models making it easy to create meaningful, fun, and educational experiences in the 3D universe.



Designed for portable domes 8 meters or less in diameter, Digistar Outreach condenses all the tools needed for real-time domed theater production and presentation into a tightly integrated, compact, and easy-to-use package. Digistar Outreach uses a high resolution Dark chip technology DLP Projector with a specially designed single fisheye lens positioned in the center of the dome to display a larger-than-life, seamless image.

Planetarium Shows

Digistar comes with a rich set of astronomical objects and a selection of full-dome video clips that users can readily combine to produce their own shows. With the powerful user interface and show scripting language of Digistar users can readily generate astronomical shows to meet their needs. Following are some of shows available for rental screening.



Ice Worlds

The delicate balance between ice, water and the existence of life has been a topic of scientific inquiry for generations. In travels to the Arctic and Antarctic regions of our planet, we'll examine the ecosystems that exist and thrive there and learn how their survival is connected with our own. Beyond Earth, we'll see how the existence of ice shapes the landscape and the natural systems on

other planets and moons in our solar system. 25 minutes. (English and Hindi)



Invaders of Mars!

Under the care of Emmy award winning space artist, Don Davis, this beautifully crafted show highlights our ongoing exploration of Mars. We explore the Martian surface as seen by Earth's various spacecraft "invaders" and use the data gathered to explore the red planet as only CGI can. We emerge with a new perspective on the red planet Mars. 25 minutes. (English &

Hindi)



Seven Wonders

Turn back the pages of time and witness the ancient wonders of the world as they appeared thousands of years ago. Explore the great pyramid, stand in the shadow of the towering Colossus and experience the rest of the world's Seven Wonders. We will investigate the theories of how these wonders were created,

and get a glimpse of some of the universe's greatest wonders. Winner of four Telly Awards and two Communicator Awards. Narrated by Sean Bean. 33 minutes. (English and Hindi)



Secrets of the Sun

An intimate look at the role the sun plays in the life of our solar system. From the nuclear forces churning at the heart of the sun to the mass ejections of solar material into surrounding space, we experience the power of the sun and its impact on the planets and ultimately life on Earth. We trace the sun's life cycle, going back to its beginnings and moving forward in time to its eventual

death. 21 minutes. (English, Hindi, Marathi, Gujrathi and Kannada)



Microcosm – The Adventure Within

At the Center of Miniaturized Medicine in the year 2053, you'll shrink down to the size of a microbe and get injected into a patient who is suffering from a mysterious viral infection. As you piece together the viral clues found along the way, you'll race against time to save the patient on a roller-coaster ride through the body. Laser battles, genetic weapons, and lots of surprises along

the way make this a show audiences will want to experience again and again. Produced in cooperation with the University of Utah Medical School. 16 minutes. (English, Hindi and Marathi)



Wonders of the Universe

Peer deep into space through the eyes of the orbiting Hubble Space Telescope and travel back billions of years in time to witness the birth of the universe. On this breathtaking excursion, you'll witness the formation of galaxies and explore some of the most wondrous nebulae and astronomical structures yet discovered. As your travels continue, you'll fly deep into our own Milky Way galaxy and return home to Earth on a spectacular tour through the solar system. 23 minutes. (English, Hindi, Marathi, Gujrathi and Kannada)



New Horizons

From breathtaking landscapes, to violent volcanic eruptions, to Saturn's icy rings, New Horizons transports you on a majestic journey through the planets and moons of our celestial neighborhood. Our journey begins as we follow a comet through interplanetary space. On each of our exotic ports of call, real data and images from modern space probes are transformed into stunning wrap-around visualizations. 23 minutes. (English, Hindi and Marathi)



Zula Patrol

The Zula Patrol and their loyal pet Gorga are gathering samples of weather for scientist Multo's research. When the Zula gang accidentally hurts Gorga's feelings, he leaves planet Zula to find a new home. Interplanetary villain Dark Truder then tricks Gorga into stealing weather from other planets so he can become ruler of the Universe. The ZPers find out and go after him - in the process learning all about weather, both terrestrial and interplanetary. Based on the award - winning PBS TV series. 24 minutes. (English & Hindi)



Cosmic Safari

The search for life in the universe begins as we travel to yet undiscovered planets in the far reaches of space. In differing environmental conditions, you'll discover what living creatures might look like on worlds very different from our own. *Cosmic Safari* transforms scientific theory into exotic worlds filled with fantastic creatures never before imagined. Narrated by John de Lance: 21 minutes. (Hindi and English)

Shows made as per School Syllabus: We have also made few shows as per school Syllabus.

- **Earth Moon and Sun** – 24 minutes (English, Hindi, Marathi & kannada)
- **Sky Tonight** – 20 Minutes (English, Hindi, Marathi & Gujrathi)
- **Introduction to the constellations** – 15 minutes (Interactive in any language)
- **Our Solar System** – 15 minutes (Interactive in any language)
- **Two Pieces of the Glass** – 22 Minutes (English & Hindi)

This system is also available on rent to schools, clubs and individuals.

Till now, we have 19 installations of Digistar in India including Nehru Planetarium, Mumbai. The software and the shows are similar to what you see at Nehru Planetarium. In fact, we have more number of shows available for screening on this mobile Planetarium.

This system is available on rental basis. It takes 45 minutes to set the system up. The air conditioned inflatable dome can accommodate more than 35 children in one show who can experience the sky and outer space more realistically than ever. Customer can choose any show available in our list and can have any number of the shows during the rented period. If customer wants to have interactive live shows guided by trained and qualified astronomer or Educator, we can arrange at extra cost.

The Mobile Planetarium system consists of

- Digistar Software in a PC
- Digistar Laptop
- High Resolution Black Chip technology DLP projector (Native resolution 1920 x 1200, Brightness 6500 ANSI lumens and contrast ration 7500:1)
- Fisheye lens
- Vertical Door Inflatable dome of Five (5) meter diameter with low noise air blower & a one ton Portable Air Conditioner



The system will be rented on per day basis. Per day is 8 hours of rental period. Minimum rental period will be one day. Our two (2) persons will be sent along with the system to operate. No other person is allowed to operate the system. Customer is required to provide dust free, proper air ventilated and clean indoor space / hall to set up this system. The minimum area required to install the system is 16.5 ft W x 16.5 ft L x 12.5 ft H. Customer will be responsible for providing uninterrupted electric power supply. Customer is responsible for safety of the system during rental period. During shows customer must provide at least five (5) volunteers to maintain the discipline and to guide the crowd/ audience.

For more information on cost, rental cost and other terms and condition, you may please contact us at following address:

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