

E&S

EVANS & SUTHERLAND

Digital Theater

Digistar[®]

The World's Leading Digital Planetarium System



Digistar[®] 3

The logo for Digistar 3 features the word "Digistar" in a bold, italicized, sans-serif font, followed by a large, stylized number "3". The "3" is rendered in a vibrant, multi-colored, metallic-looking style with a glowing effect, set against a background of a starry space scene.

The World's Leading Digital Planetarium System

The Digistar 3 product line uses powerful graphics hardware and software to generate immersive full-dome images on the interior surface of a dome, integrating full-dome video, real-time 3D computer graphics, and a complete digital astronomy package. With a variety of projection options and program content creation tools, there is a Digistar 3 system that is perfect for your theater.

Digistar 3 Systems Feature:

- Astronomical functions
- Real-time 3D graphics
- Real-time 3D audio
- Full-dome video playback
- Virtual slide projectors/video windows
- Operator wireless remote control
- Audience interactivity





Product Family



Digistar[®] 3 LASER

Digistar 3 Laser

Uses single or dual solid-state laser video projectors to create ultra-high resolution images on the dome, up to 64 million pixels



Digistar 3 CRT & DLP

Uses multiple CRT or DLP projectors blended together to create all-dome imagery on the dome



Digistar 3 SP

For small domes up to 33 feet in diameter.—uses a single DLP projector in the center of the theater to create all-dome imagery



Digistar 3 Producer & Digistar 3 Workstation

Systems for producing Digistar 3 show content—Digistar 3 Producer includes 3 PCs for a turnkey production system; Digistar 3 Workstation includes 1 PC for creating content elements that can be assembled in the dome.

Digistar 3 Features

- Pre-rendered, full-dome movies and real-time 3D graphics can play simultaneously within one integrated application.
- Real-time edge blending and geometry correction for the entire system, including real-time 3D graphics and pre-rendered full-dome video.
- Customizable, 3D full-color star databases utilizing Hipparcos data or your own data—users can control starfield density, star size, and minimum magnitude for stars, among many other parameters.
- Digistar 3 offers the largest library of complete full-dome shows (pre-rendered and real-time CGI) available in the industry.
- Systems include a library of real-time 3D astronomy models (planets, moons, comets, asteroids, deep space objects, etc.) as well as a library of pre-rendered full-dome video astronomy sequences. Real-time data can be imported to display current positions of space probes, satellites, etc.
- Digistar II objects convert easily to run on the Digistar 3 system.
- Virtual Projectors can duplicate or replace ancillary slide and video projectors. Digistar 3 can display still or video images anywhere on the dome.
- Shows are compatible between Digistar 3 CRT/DLP and Digistar 3 SP systems. Shows can be shared between Digistar 3 theaters without the need to re-render full-dome video sequences. Shows rendered for Digistar 3 Laser can be shared between all Digistar 3 Laser theaters.
- E&S is ISO 9001:2000 certified. Digistar 3 systems are manufactured according to the ISO 9001 process. All systems are thoroughly evaluated in-house with a minimum of 48-hour reliability testing before shipment.
- E&S provides access to a 24-hour, toll-free telephone help line, comprehensive on-site training, and unparalleled worldwide service and support.

