Digitalis™
EDUCATION SOLUTIONS, INC.

Feature Comparisons of Portable Digital Planetarium Systems
Full Dome, Fisheye Lens Systems Only

- Compiled by Digitalis Education Solutions, Inc. Please independently verify information with vendors and inform us if you find any errors.
- We have limited our comparison to the most affordable fisheye lens systems with full dome coverage. Visit our FAQ page (DigitalisEducation.com/faq.html) for details about how any fisheye lens system easily outperforms a spherical mirror system.
- While we believe these feature comparisons provide helpful information, nothing compares to seeing the systems in action before deciding which best meets your specific needs.
- Prices shown are US prices in US dollars.

Seller	**Digitalis**	**Digitalis**	**Digitalis**	**Science First**	**E-Planetarium**
Model	**Digitarium® Delta**	**Digitarium® Gamma**	**Digitarium® Epsilon**	**Digital Starlab®**	**Elumenati ZOOM SX3**
Website	http://DigitalisEducation.com			http://www.starlab.com	http://www.e-planetarium.com
Estimated set up time (w/out dome)	Two minutes			Unknown	Unknown
User interface	Backlit, handheld remote control from anywhere in dome			Laptop (Mac or Windows)	Laptop (Windows)
Resolution	1080 pixel diameter circle *	1050 pixel diameter circle	1200 pixel diameter circle or truncated 1344 x 1200	1200 pixel diameter circle	1050 pixel diameter circle or truncated 1400 x 1050
Projection type	DLP			DLP	LCOS
Base projector brightness (with non-fisheye lens)	2000 lumens	7500 lumens	6800 lumens	5000 lumens	3500 lumens
Contrast ratio	2400:1 measured minimum	2100:1 measured minimum	2200:1 measured minimum	Unknown	1000:1 claimed
Planetarium software	Nightshade™ **, open source			Starry Night Small Dome, proprietary	Stellarium, open source
Seller develops system's planetarium software	Yes			No	No
Number of stars in database	100,000 +			16,000,000	100,000 +
Scriptable planetarium features	Yes, including audio, video, and image manipulation			No	Maybe (depends on Stellarium version)

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Integrated multimedia viewer w/ dynamic placement and distortion correction	Yes			Unknown	No
Easily switch between planetarium software and multimedia viewer	Yes			Unknown	No—must quit Stellarium to view media
Seller maintains/updates all system software (OS, planetarium, multimedia)	Yes. Automated software updates free for life of system.			No	No
Free technical support for life of system	Yes			Yes	Unknown
Lease to own program	Yes			Unknown	No
Grant writing assistance offered	Yes			Yes	No
Warranty period	Two years			Three years on projector and laptop; one year on other parts	90 days on fisheye lens; one year on other parts *
Return policy	Full refund (less shipping charges) if returned within 30 days of purchase			Returns allowed only if company makes an error	No published policy
Cost of full system (USD)	$16,950 (portable or fixed)	$39,130 portable; $36,250 fixed	$47,330 portable; $45,450 fixed	$44,995	$35,310 **
Cost of full portable system and 5m inflatable dome (USD)	$24,900	$47,080	$55,280	$49,995	$54,000 **
Notes	* The Digitarium® Delta's image quality is good, but focus is not as sharp as the Gamma or Epsilon. ** Nightshade is a fork of the award-winning software Stellarium. Nightshade is a community-supported project spearheaded by Digitalis. Learn more at: www.NightshadeSoftware.org Digitarium® systems are the best-selling digital systems for portable and small fixed domes. The Epsilon's 155 degree angle of projection makes it ideal for fixed domes (does not block sight lines). Our other systems offer a 175 degree angle of projection. All project a full, 180 degree (all sky) field of view.			Each square pixel is blurred into more of a circular shape. More detailed comparison: http://digitaliseducation.com/faq.html#dstarlab	* Extended warranty may be available with package price. ** See their website for what the prices include. Company also sells truncated, lower resolution fisheye system.