



**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 fisheye lens systems with full dome coverage. Visit our FAQ (<http://DigitalisEducation.com/faq>) 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 making a decision.

Seller	Digitalis	Digitalis	Digitalis	Digitalis	Science First <sup>®</sup> / Emersive Learning	E-Planetarium <sup>®</sup>
Model	Digitalium <sup>®</sup> Delta 4	Digitalium <sup>®</sup> Iota – <i>World's Smallest!</i>	Digitalium <sup>®</sup> Epsilon 2	Digitalium <sup>®</sup> Kappa 2	Digital STARLAB <sup>®</sup> 4	Elumenati DD-1920F Omnifocus
Website	<a href="http://DigitalisEducation.com">http://DigitalisEducation.com</a>				<a href="http://www.starlab.com">http://www.starlab.com</a>	<a href="http://www.e-planetarium.com">http://www.e-planetarium.com</a>
Dimensions/weight (system in transit case)	27 x 24 x 16 in. (68 x 60 x 40 cm); 67.5 lbs (31 kg)	23 x 18.0 x 11.6 in (58 x 46 x 29.3 cm); 46 lbs (21 kg) w/tripod	19 x 21 x 31 inches (47.5 x 52.5 x 77.5 cm); 82.5 lbs (37.5 kg)	19 x 21 x 31 inches (47.5 x 52.5 x 77.5 cm); 82.5 lbs (37.5 kg)	Unknown	Unknown
User interface	Backlit, handheld remote control, wireless game pad, or Universal Console™ web-based interface (for desktop computer or touch screen tablet devices)				Laptop (Mac or Windows)	Laptop (Mac or Windows)
Resolution	1080 pixel diameter circle	1166 pixel diameter circle	1200 pixel diameter circle or truncated 1344 x 1200	1600 pixel diameter circle	1200 pixel diameter circle	1200 pixel diameter circle or truncated 1920 x 1200
Projection type	DLP				Unknown	LCOS
Base projector brightness (with non-fisheye lens)	4500 lumens	3000 lumens	5000 lumens	5000 lumens	Unknown	5000 lumens
Contrast ratio	6000:1 nominal	2500:1 nominal	5300:1 nominal	5300:1 nominal	Unknown	1000:1 nominal
Primary planetarium simulation software	Nightshade NG Basic <sup>1</sup>	Nightshade NG Basic or Professional <sup>1, 2</sup>	Nightshade NG Professional <sup>1</sup>	Nightshade NG Professional <sup>1</sup>	Starry Night Small Dome	Stellarium default
Seller is the main developer of the primary planetarium software	Yes				No	No

Seller	Digitalis	Digitalis	Digitalis	Digitalis	Science First® / Emersive Learning	E-Planetarium®
Model	Digitalium® Delta 4	Digitalium® Iota	Digitalium® Epsilon 2	Digitalium® Kappa 2	Digital STARLAB®	Elumenati DD-1920F Omnifocus
Multimedia player with dynamic placement and distortion correction	Yes				Yes	No
Scriptable planetarium features	Yes, including audio, video, and image manipulation				No	Yes
Easily switch between planetarium software and multimedia viewer	Yes				Yes	Must quit Stellarium to view fulldome videos?
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	No
Lease to own program	Yes				Unknown	No
Grant writing assistance	Yes				Yes	No
Warranty period	Three years. Full text at: <a href="http://DigitalisEducation.com/terms_and_conditions.html">http://DigitalisEducation.com/terms_and_conditions.html</a>				See their website	See their website
Return policy	30 day return period. Full refund less shipping charges and small restocking or exchange fee.				Unknown	Unknown
Base price of full system (US price in USD)	\$16,370	\$25,930 <sup>2</sup>	\$44,025 <sup>3</sup>	\$60,825 <sup>3</sup>	Starts at \$24,995	Unknown
Base price of full system & 5m inflatable dome (US price in USD)	\$22,970	\$32,530 <sup>2</sup>	\$50,625	\$67,425	Packages from \$30,490	\$40,650 <sup>5</sup>
Notes	<p>1: Nightshade NG for dome use is exclusive to Digitalium systems. Learn more at: <a href="http://digitaliseducation.com/products-nightshade.html">http://digitaliseducation.com/products-nightshade.html</a></p> <p>2: Iota available in Professional or Basic versions. Details on our website.</p> <p>3: We also sell systems for fixed domes. Details on our website.</p> <p>Digitalium systems are the best-selling digital systems worldwide. The Digitalium Epsilon's 155 degree and the Kappa's 167 degree angle of projection make them ideal for fixed domes</p>				4: They also have a higher resolution version but have not published enough details to include it here.	5: See their website for what the price includes.

Seller	Digitalis	Digitalis	Digitalis	Digitalis	Science First® / Emersive Learning	E-Planetarium®
	(do 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. See the full model line up at: <a href="http://DigitalisEducation.com">DigitalisEducation.com</a> .					

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