

DepthQ®

S T E R E O S C O P I C

Affordable HD 3D

*From the originators of
portable 3D projection.*

The New DepthQ® HD 3D Video Projectors

The world's first portable WXGA and XGA stereoscopic 3D projectors.

DepthQ® HD 3D projectors offer rock-solid, 120Hz stereo 3D at 1280x720 or 1024x768 resolution. These bright, professional-level 3D projectors can easily display 12 ft (3.7m) diagonal 3D high-definition images using the latest Texas Instruments DLP™ and BrilliantColor™ technologies - for stunning colors, a 2000:1 contrast ratio, and a *truly* unprecedented level of price-performance.

- Q **Affordable** – **Less than \$6,000** - A fraction of the cost of other single-lens 3D projectors
- Q **Quality** – Flicker-free, 120 Hz HD 3D with DLP™ BrilliantColor™ technology
- Q **Portable** – At 6.9 pounds it fits under your arm and takes less than 5 minutes to set up
- Q **Versatile** – Work live in 3D-enabled applications; quality control 3D film or video game development; bring 3D movies and games into your home



First in their class: Lightspeed Design presents the portable stereo 3D solutions.

DepthQ® HD 3D video projectors are revolutionary lightweight single lens projectors capable of achieving frame rates of 120 Hz. When used with a stereoscopic 3D image source and liquid crystal shutter glasses, DepthQ® HD 3D projectors will provide a rock-solid stereo 3D experience at resolutions of either 1280x720 or 1024x768.

Product Design, Engineering and Research

Stereo 3D is scientifically proven as the most effective way to communicate visual ideas. The new DepthQ® HD 3D projectors make stereo viewing an affordable choice for anyone working in collaborative design or R&D. Engineers, product designers and research scientists alike will appreciate the practical value of large, high-resolution, real-time 3D projection.

Information Analysis

Whether your focus is energy exploration, geophysical & geographical data analysis, or health and life sciences, DepthQ® HD 3D projectors can help you work more efficiently with complex 3D data.

Film Production & Video Game Development

When checking stereoscopic accuracy in 3D productions, a large image with high resolution is critical. DepthQ® HD 3D projectors provide a cost-effective solution with large, bright, HD quality 3D images.

Home Video Games and Movies



Talk about immersive! Imagine playing video games or watching movies ten feet wide in HD 3D! The next generation of stereo-ready games and films are on their way, and the new DepthQ® high-definition 3D projectors let you bring the excitement of 3D into your home in a BIG way. (DepthQ® projectors are also compatible with 2D movies and games, and deliver up to 120 frames per second.)

For more information please call +1.206.784.1385

The new DepthQ® HD 3D projectors (patent-pending) are a product of **Lightspeed Design Inc.**, co-developed with **InFocus Corporation**.

Lightspeed Design has been a leader in stereo 3D for over a decade, developing new hardware and software technologies and presenting 3D to millions through museum theaters, corporate events, and a world exposition.

Lightspeed has proven expertise in 3D projection, systems design & installation, and software development.

Clients include Pfizer, Intuitive Surgical, Microsoft, Harvard & Munich Universities, US Army, NASA, JPL, DreamWorks SKG, IMAX, and Walt Disney Animation.

Lightspeed
DESIGN

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Technical Specifications[◇]

Display

3D Aspect Ratio: 16:9 (DepthQ-WXGA) or 4:3 (DepthQ-XGA) 2D Supported Aspect Ratios: 16:9, 4:3, 5:4, 16x10

Display Technology: DLP by Texas Instruments: 0.55" LVDS DDP2230 with Brilliant Color

Stereoscopic Compatibility: 120 Hz sync, page flip, two frame delay

Brightness: approximately 2000 Lumens Eco Mode: 1440 Lumens

Contrast Ratio: 2000:1 Full On/Full Off

3D Data Compatibility: 1280x720 (Model DepthQ-WXGA) or 1024x768 (Model DepthQ-XGA)

2D Data Compatibility: VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024), SXGA (1400x1050), WXGA (1280x800), WXGA+ (1440x900)

2D Video Compatibility: NTSC, PAL, SECAM, 480i, 576i, 480p, 576p, 720p, 1080i

2D V-Sync Range: 50-120Hz 2D H-Sync Range: 31-93kHz 3D V-Sync: 120Hz 3D H-Sync: 93kHz

Color Wheel (DLP Only): 5-segment

Native Resolution: WXGA (Model DepthQ-WXGA) or XGA (Model DepthQ-XGA)

Projector Placement: Ceiling Projection, Front Projection, Rear Projection

Lamp Wattage: High Bright: 200 Watts Eco Mode: 170 Watts

Lamp Life[‡]: High Bright: 2500 Hours Eco Mode: 3000 Hours

Standard Lens Zoom: 1.1 : 1

Inputs and Outputs

2D/3D VESA (HD15): Number of Inputs: 2; 15-pin VGA

2D S-Video: Number of Inputs: 1; 4-pin mini-DIN

2D Composite (RCA): Number of Inputs: 1

2D Component (RCA): Number of Inputs: 2 requires optional VGA to Component adapter.

2D Standard Definition TV: Composite RCA, S-Video

2D Enhanced Definition TV, High Definition TV: VGA

Projector Control: Projector Keypad, Remote, USB, RS-232

Audio: Stereo 3.5 mm Mini-jacks (input and output)

Monitor Output: 2.0 Watt mono speaker

General

Audible Noise: 35 dB

Power Supply: 100 - 240 Volts at 50 - 60 Hz

Typical Power Consumption: 220 Watts Maximum Power Consumption: 250 Watts

Weight: 6.9 lbs (3.13 kg)

Dimensions: Height: 3.9 in (9.91 cm) Length: 9 in (22.86 cm) Width: 11.7 in (29.72 cm)

Projector Warranty: 2 years Lamp Warranty: 6 months Accessories Warranty: 90 days

Approvals: UL and c-UL (US/Canada), FCC-A (US/Canada), CE (CE member countries), GOST (Russia),

TUV GS (Germany), CCC (China), IRAM (Argentina), NOM (Mexico), C-Tick (Australia), MIC & eK (South Korea), PSB (Singapore)



Projection Distances / Image Sizes / Throw Ratios^{*}

Distance to Screen		Min Diagonal Image Size		Max Diagonal Image Size		Min Horizontal Image Size (htr 1.83) [*]		Max Horizontal Image Size (htr 1.49) [*]	
		XGA (dtr 1.46) [*]	WXGA (dtr 1.59) [*]	XGA (dtr 1.20) [*]	WXGA (dtr 1.30) [*]				
2.5'	.8m	20.5"	0.5m	18.8"	0.5m	25.1"	0.6m	23"	0.6m
5'	1.5m	41.0"	1.0m	37.7"	1.0m	50.2"	1.3m	46.1"	1.2m
10'	3m	82.1"	2.1m	75.4"	1.9m	100.4"	2.6m	92.2"	2.3m
15'	4.6m	123.1"	3.1m	113.0"	2.9m	150.6"	3.8m	138.2"	3.5m
20'	6.1m	164.2"	4.2m	150.7"	3.8m	200.8"	5.1m	184.3"	4.7m

^{*} Approximate values. Diagonal throw ratio (dtr) = (distance/diagonal image size)

Horizontal throw ratio (htr) = (distance/horizontal image size)

[◇] Lightspeed Design, Inc. and InFocus Corporation reserve the right to alter product offerings and specifications at any time without notice.

[‡] Actual lamp life may vary based on the ambient environment.

Conditions that may affect lamp life include temperature, altitude or rapidly switching the projector on and off.