

# DepthQ®

STEREOSCOPIC

## Affordable HD 3D

From the originators of portable 3D projection.

## The New DepthQ® HD 3D Video Projector

The world's first portable WXGA stereoscopic 3D projector.

DepthQ® HD 3D projectors offer rock-solid, 120Hz stereo 3D at 1280x720 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.

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



DepthQ® HD 3D Projector

depthq.com

**First in its class:** Lightspeed Design presents the portable stereo 3D solution. The DepthQ® HD 3D video projector is a revolutionary lightweight single lens projector 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 high-definition stereo 3D experience.

## 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.

## Immersive Home Video Games

When it comes to gaming, the blazingly fast 120 frames-per-second DepthQ® HD 3D stereoscopic projector injects the most immersive gaming experience ever into your home today. Period. Just imagine your favorite video games nine feet wide and as deep as the universe! Experience the *premium* immersive in-home gaming experience, in either 2D or 3D.



**Contact your dealer today.**

The new DepthQ® HD 3D projector (patent-pending) is 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.

**InFocus®**



www.depthq.com



## Technical Specifications<sup>◇</sup>

### Display

3D Aspect Ratios: 16:9 and 4:3 2D Supported Aspect Ratios: 16:9, 4:3, 5:4  
 Display Technology: DLP by Texas Instruments: 0.55" LVDS DDP2230 with Brilliant Color  
 Stereoscopic Compatibility: 120 Hz vertical sync, page flip, two frame delay  
 Brightness: 3D: approximately 2000 Lumens Eco Mode: appr. 1440 Lumens  
 2D: 2500 Lumens Eco Mode: 1800 Lumens  
 Contrast Ratio: 2000:1 Full On/Full Off  
 3D Data Compatibility: WXGA (1280x720), XGA (1024x768), SVGA (800x600)  
 2D Data Compatibility: VGA (640x480), SVGA (800x600), XGA (1024x768), SXGA (1280x1024),  
 SXGA (1400x1050), WXGA (1280x720), 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: 77-93kHz  
 Color Wheel (DLP Only): 5-segment  
 Native Resolution: WXGA (1280x720)  
 Projector Placement: Ceiling Projection, Front Projection, Rear Projection  
 Keystone Correction: +/- 20 degrees Vertical  
 Lamp Wattage: High Bright: 200 Watts Eco Mode: 170 Watts  
 Lamp Life<sup>‡</sup>: High Bright: 2500 Hours Eco Mode: 3000 Hours  
 Image Offset (approximate): 115% Vertical (1m tall screen requires approximately 1.15m  
 from lens centerline to top of screen)

### 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<sup>\*</sup>

Distance to Screen	Min Diagonal Image Size (dtr 1.59) <sup>*</sup>	Max Diagonal Image Size (dtr 1.30) <sup>*</sup>	Min Horizontal Image Size (htr 1.83) <sup>*</sup>	Max Horizontal Image Size (htr 1.49) <sup>*</sup>
2.5' .8m	18.8" 0.5m	23" 0.6m	16.4" 0.4m	20.1" 0.5m
5' 1.5m	37.7" 1.0m	46.1" 1.2m	32.8" 0.8m	40.2" 1.0m
10' 3m	75.4" 1.9m	92.2" 2.3m	65.7" 1.7m	80.3" 2.0m
15' 4.6m	113.0" 2.9m	138.2" 3.5m	98.5" 2.5m	120.5" 3.1m
20' 6.1m	150.7" 3.8m	184.3" 4.7m	131.3" 3.3m	160.6" 4.1m

<sup>\*</sup> Approximate values. Diagonal throw ratio (dtr) = (distance/diagonal image size)  
 Horizontal throw ratio (htr) = (distance/horizontal image size)

<sup>◇</sup> Lightspeed Design, Inc. and InFocus Corporation reserve the right to alter product offerings and specifications at any time without notice.

<sup>‡</sup> 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.

DepthQ is a trademark of Lightspeed Design, Inc. InFocus is a registered trademark of InFocus Corporation or its subsidiaries in the United States and other countries. Digital Light Processing, DLP, BrilliantColor, and the DLP Medallion are trademarks of Texas Instruments. All other trademarks are used with permission or are for identification purposes only and are the property of their respective companies. All rights reserved.



**Lightspeed Design, Inc.**  
 1611 116th Ave NE, Suite 112  
 Bellevue, WA 98004 USA  
 206.784.1385

www.depthq.com