DepthQ®Player™ for Stereoscopic Media

is a feature-packed software solution for the high-quality playback of stereo 3D movies from a standard PC.
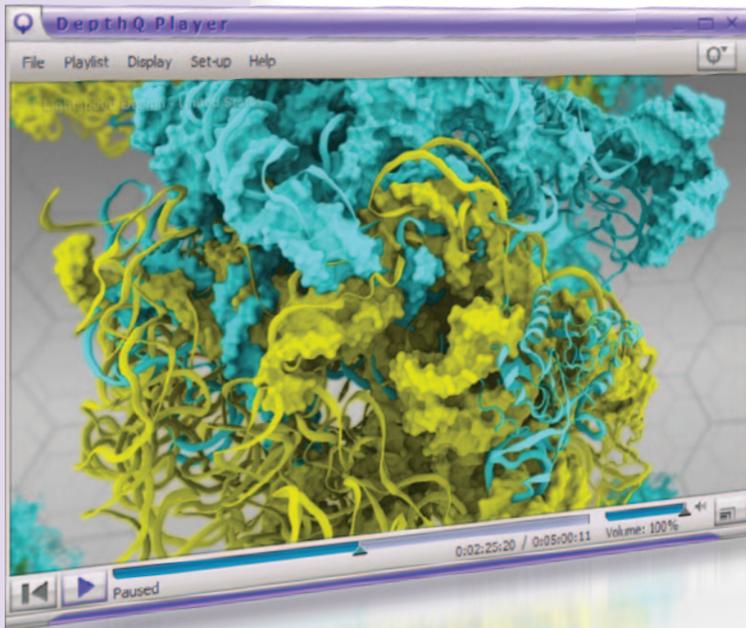
Easy to use and designed from the ground up as a professional product, DepthQ®Player™ combines efficient code architecture and superior throughput for flawless high-bandwidth playback of either locally stored or URL-accessible stereoscopic movies, as well as 3D streaming IP video.

DepthQ®Player™ delivers the most comfortable-to-view stereo 3D experience possible, and allows cost-effective viewing of high-resolution stereoscopic media in a wide variety of environments – from remote 3D viewing stations, operating rooms and conference rooms to 3D cinemas, museum exhibits, portable theaters, motion simulators, corporate events and trade shows.

Computer + DepthQ®Player™

120Hz Page Flip

3D Projectors

3D TV's

120Hz 3D Monitors

Dual Output Streams
L   R

Dual Projector Stacks

Configurations

DepthQ®Player™ is available in three configurations:

LITE – A free-to-download fully-functional demonstration version capable of displaying up to 1920x1080 60P* per eye and beyond. Intended as evaluation software, DepthQ®Player™ LITE incorporates a subtle watermark, with modest restricted operation time and playlist functionality.

STANDARD – A licensed workstation version capable of displaying up to 1280x720 60P per eye specially tuned for the DepthQ® HDs3D-1 video projector.

PRO– A licensed professional version capable of displaying up to 1920x1080 60P* per eye and beyond, with enhanced feature-set and functionality.

*Your hardware must be up to the task: High-bandwidth outputs require more powerful CPU's and GPU's.
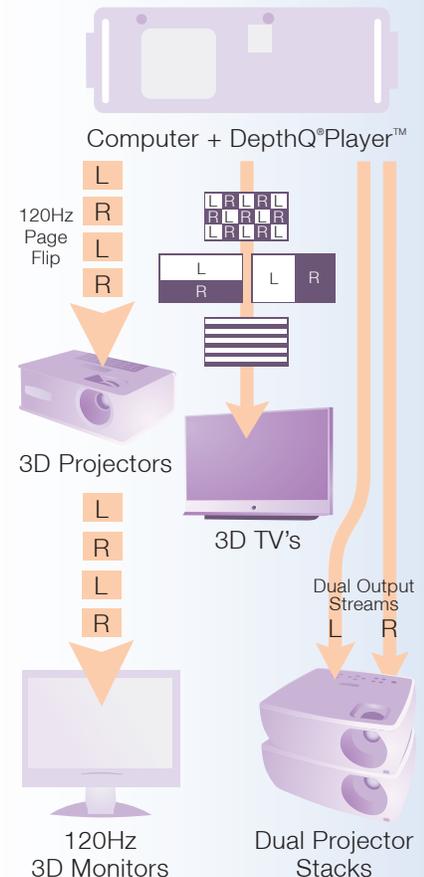
DepthQ®Player™ can display your films in a variety of selectable output 'flavors' in order to drive the many different types of stereoscopic displays available, including the highest-quality stereoscopic format - progressive "page flip" (frame sequential) - at refresh rates up to 120 Hz.

Additionally, DepthQ®Player™ supports both single and dual graphics output pipelines.

NVIDIA® 3D Vision™ compatible.

DepthQ®
STEREOSCOPIC

For more information please call +1.206.784.1385

www.depthq.com

DepthQ®Player™

STEREOSCOPIC   **FOR STEREOSCOPIC MEDIA**

Technical Features

- Primary display output: progressive quad-buffered OpenGL frame-sequential "page-flip" (Analog RGB, Digital DVI).
  Optional display output: NVIDIA® 3D Vision™ stereoscopic renderer (additional NVIDIA hardware required).

- Supports a variety of data and compression formats: DQ3D*, H.264/MPEG-4 AVC, MPEG-4, MPEG-2, DV, MJPEG, uncompressed, etc.**

- Supports IP Video streams via Windows Media video and Elecard video.

- Full-featured player interface, including advanced playback controls and playlist support.

- Two operating modes: Basic Mode and password-protected Advanced Mode to ensure advanced configurations remain secure.

- Single pipeline output for active or passive 3D-ready displays and TV's such as single lens DLP® stereoscopic projectors, CRTs, plasma screens, LCD monitors and rear-projection DLP® monitors.

- Dual pipeline output for passive displays based on stacked video projectors, LCD or DLP® (nVidia® Quadro graphics card required).

- Both Full-Screen and Windowed stereoscopic display mode support in OpenGL mode (nVidia® 3D Vision™ is full screen only).

- Real-time zero parallax plane adjustments (vertical and horizontal).

- Savable presets allow your parallax plane adjustments (and other attributes like Volume, Aspect Ratio and Time Code events) to save with each movie as an associated DepthQ® Config (.DQC) file. Movies then self-correct when .DQC is present.

- Support for advanced multi-channel sound: Dolby Digital® 5.1 channel Sampling frequency:44,100-48,000 kHz.
  Digital AES/EBU Analog XLR (third party audio decoder required).

- Supports a wide variety of stereoscopic media input formats: above/below, above/below for sync-doubling (with adjustable separation), relaxed or cross-eye (Side by Side), interlaced, Tri-Delta, SIS, tiled autostereoscopic‡, etc.

- Support for still stereoscopic image visualization (JPG, BMP).

- On-the-fly conversion of interlaced NTSC/PAL TV-formatted stereoscopic DVD or MPEG-2 data to any supported output display format at playback (Must be ripped from DVD prior to playback).

- Support for real-time GPU pixel-shading via Cg code (PRO & LITE only).

- DMX512 – supports an outgoing DMX control stream (requires a compatible USB to DMX adapter) (PRO & LITE only).

- Realtime Cornerstone Manipulation – Allows precise independent left and right eye adjustment , especially for combining two video projectors – (like a digital lens shift + geometric correction for each eye) (PRO & LITE only).

New Features!

- Left Right Movie: Ability to load separate Left and Right movie files as a stereo pair.

- Fade Setup: Allows user-controlled, timed fade-ups and fade-downs.

- DCP support. A non-watermarked version of the Jpeg2000 Decoder, the playback standard for Digital Cinema, is now available for DepthQ®Player™ PRO for an additional cost (playback speed and quality depends on the speed and quality of your computer).

- Movie Time Code Editor: New Automation Functions include pre-programmed, time-based adjustments of IN/OUT points, parallax offsets, pause and volume within a movie using internal time code (PRO & LITE only).

- Cg parameters now saved in movie-specific configuration files, allowing each movie to utilize independent Cg code selection and parameter adjustments (PRO & LITE only).

- Ability to generate configuration files for Girder, a third party automation software package (PRO & LITE only).

* The DQ3D codec is only provided with the purchase of DepthQ®Capture™, and is fully compatible with DepthQ®Player™.   ** Some formats require the purchase of a third-party codec.
‡ Autostereoscopic support not included with basic package.

Pricing

DepthQ®Player™ LITE: *Evaluation License* - Free Download
DepthQ®Player™ STANDARD: *Workstation, limited to 10 viewers* - $395
DepthQ®Player™ PRO: *Workstation, limited to 10 viewers* - $995
DepthQ®Player™ PRO: *Commercial Theater, unlimited viewers* - $1995