

Announcing

the DepthQ® Polarization Modulator
for

3D Digital Cinema



***Stunning
Simple and Reliable
Polarized 3D Digital Cinema***

Lightspeed 
DESIGN



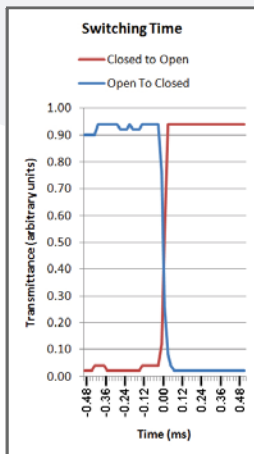
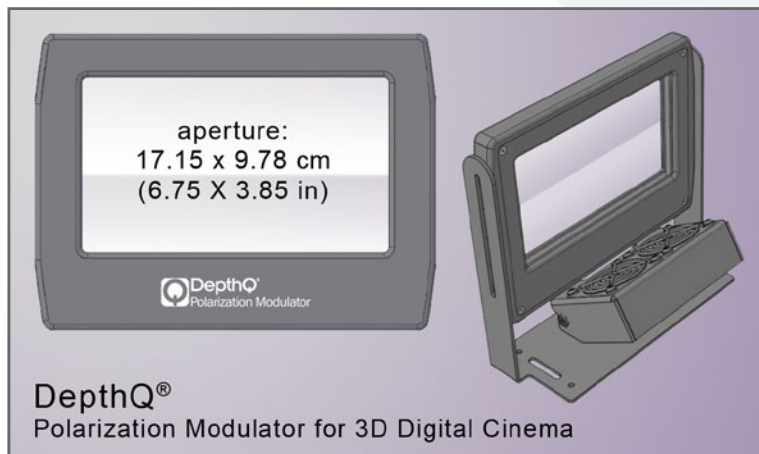
For more information please call +1.206.784.1385 www.depthq.com

Details

When combined with a silver screen, the DepthQ[®] Polarization Modulator allows your digital cinema projector to display stunning stereoscopic 3D films, viewable using inexpensive passive circular polarized glasses. Paired with projectors up to 18.5K ANSI Lumens, DepthQ[®] provides a spectacular 3D experience for screens up to 13.7m (45ft). DepthQ[®] meets Hollywood's demanding image quality standards by precisely and efficiently varying the polarity of light passing through it in perfect synch with the "triple-flash" of left and right eye images. An unprecedented symmetrical 50 microsecond switching time between the eyes ensures bright, low-crosstalk operation.*

- Bright, low-ghost 3D
- Crisp, sharp image
- Heat-tolerant, accepts up to 22K Lumens
- With 18.5 K lms, 3D screen sizes up to ~13.7 m (45 ft)
- Simple, easy to setup and use
- No moving parts - low cost/maintenance
- Works with all DLP projectors
- Compatible with standard polarized 3D glasses
- Simple, single-cost business model
- Approved by Walt Disney Studios Motion Pictures*

DepthQ[®] matches all industry standards for image quality, brightness & polarization performance, and is compatible with all DLP projectors. Simply connect via the GPIO port on your projector and you're making GREAT 3D.



No time wasted switching eyes*



Two position actuator allows your theater automation to quickly switch between 2D and 3D.

Specifications

DepthQ [®] Polarization Modulator	
Aperture	17.15 x 9.78 cm (6.75 x 3.85 in)
Contrast/Ghost	>100 : 1 in each eye
Efficiency	15% at 144 Hz (with .430 msec dark interval*)
Screen Size	Given 18.5K Lumens, 3kW lamp, 3D screen sizes ~13.7m (45ft)
Switching Time	50 μ sec (symmetrical)
Heat Protection	Metallic Pre-Polarizer (increases performance and lifetime)
Operating Temp	+5 to 52 deg C (40 to 125 deg F)
Actuator	Two-position relay closure for 2D to 3D switching

The DepthQ[®] Polarization Modulator is co-developed by **Lightspeed Design, Inc** and **LC-Tec Displays, AB**.

The two companies have over 18 years of experience in their respective fields of stereoscopic design and liquid crystal manufacturing and development.

This projection technology is exclusively distributed by:

Lightspeed[®] DESIGN

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*In general, we're actually switching faster than current DCI projectors' smallest adjustable dark intervals. They need to catch up!