Specification Sheet

HIGHlite Cine 335 3D HB

6,000 ANSI Lumens | Contrast Ratio: 2,000:1 | Part No:113-789

Colour System:	DMD Specification:
3-chip DLP®	1920 x 1080 pixels native, +/- 12° tilt angle Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	**Aspect Ratio:**
3 x 0.65" DarkChip™ DMD™	16x9 **Fill Factor** 87%

Key Features

Video & Graphics Processing

- HDMI 1.4 for Side by Side, Frame Packing & Top Bottom Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- Dual Pipe Processing: Two sources in parallel for Left and Right Eyes.
- Synchronisation of active glasses or polarising switcher.
- High Bandwidth Digital & Analogue Receiver with 10 Bit A-D.
- 24p and 1080p native display.
- DynamicBlack™ for improved black levels in dark scenes.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- Image enhancement for MPEG, Mosquito noise & Colour Transients in composite sources.

Source Compatibility:

HDMI including Deep Color™ processing and 3D standards.
Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI or VGA.
Component Video (SD and HD) via YPrPb and RGB.

Inputs/Outputs

Video & Computer

Type	Connector	Qty
HDMI 1.4	HDMI	2
VGA / Analog RGB	15-pin D-Sub	1
Component Video	3 x RCA	1
Component Video	3 x BNC	1

Communication & Control

Type	Connector	Qty
3D Sync Out	BNC	1
3D Sync In	BNC	1
LAN	RJ45	1
RS232	9-pin D Sub	1
IR Input	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2
Service Port	USB Type A	1

3D Formats Supported	HDTV Formats Supported
Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz),1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility	Bandwidth
Up to 1920 x 1200	200 MHz on analog RGB 165 Megapixels per second on HDMI

Remote Control	Automation Control
IR Remote Control On-Board keypad	RS232 LAN

Colour Temperature
User selectable from 5500 to 9300K

Lamp Type	Typical Lamp Life
1 x 330W High Intensity Discharge	Full Power: 2000 hours

Lenses

Lens	Part No.	Focus Range	Lens Shift
0.77 : 1 fixed HB	110-808	1.3m - 2.5m	Vert: 0.2 (U) 0.2 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.16 : 1 fixed HB	110-809	1.4m - 6.2m	Vert: 0.2 (U) 0.2 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.45 - 1.74 : 1 zoom HB	110-803	1.8m - 9.3m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
1.74 - 2.17 : 1 zoom HB	112-878	2.2m - 11.8m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
2.17 - 2.90 : 1 zoom HB	113-852	2.7m - 15.4m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
2.90 - 4.34 : 1 zoom HB	110-806	3.6m - 22.5m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
4.34 - 6.76 : 1 zoom HB	110-807	5.5m - 35m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame

Lens Mount
Motorised shift, zoom and focus.

Mechanical Mounting	Orientation
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	**Table Top or Inverted:** Yes **Pointing Up:** +/-8° from horizontal **Pointing Down:** +/-8° from horizontal **Roll (Portrait):** No

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	480W

Thermal Dissipation	Fan Noise
1638 BTU/Hour	35dBA, Eco 33dBA

Operating/Storage Temperature	Operating Humidity
Operating: 0 to 40C (32 to 104F) Storage: -20 to 60C (-4 to 140F)	20% to 90% non-condensing

Weight (Chassis Only)	Dimensions
20 kg 44.1 lb	L: 51.2 cm W: 49.9 cm H: 21.9 cm L: 20.2 in W: 19.6 in H: 8.6 in

Safety & EMC Regulations
CE, FCC Class A, UL, CCC

Accessories

Accessory	Part No.
HIGHlite 335 Lamp & Housing	111-100
Infrared Remote (replacement)	115-758
Ceiling Mount Kit w/plate & 500mm pole	112-941

**Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

Downloads	

PDF CAD Drawings

User Guides

AUTOCAD Drawings

Important Information

Specifications subject to change without notice. Digital Projection version: 1.2 - 24-Jan-13 ©2012 Digital Projection.
DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc

---

DIGITAL PROJECTION, LTD GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX
T: +44.161.947.3300 | F: +44.161.684.7674 | www.digitalprojection.co.uk

DIGITAL PROJECTION, INC 55 CHASTAIN ROAD, SUITE 115 KENNESAW, GA. 30144
T: 770.420.1350 | F: 770.420.1360 | www.digitalprojection.com

DIGITAL PROJECTION, CHINA TOWER C, RM C1202, CAI FU JIA YUAN, NO. 19 XIA0 YING STREET, CHAOYANG DISTRICT BEIJING, PR CHINA 100101
T: +86.10.58239771 | F: +86 10 58239770

DIGITAL PROJECTION, ASIA 16 NEW INDUSTRIAL ROAD, #02-10 HUDSON TECHNOCENTRE SINGAPORE 536204
T: +65.6284.1138 | F: +65.6284.1238