

E-Vision 6500 XGA

7,000 ANSI Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:114-742



Colour System:

4 Segment RGWB Colour Wheel for maximum brightness.
6 Segment RGBCMY Colour Wheel for optimised colourimetry - user swappable.

DMD Specification:

1024 x 768 pixels native, +/- 12° tilt angle
Fast transit pixels for smooth greyscale and improved contrast.

Aspect Ratio:

4x3

Display Type:

1 x 0.7" DarkChip™ DMD™

Fill Factor

87%

Key Features

Video & Graphics Processing

- BrilliantColor™ for increased system brightness.
- DynamicBlack™ for improved black levels in dark scenes.
- Frame sequential 3D support at up to 120Hz with support for DLP® Link™ glasses synchronisation only.
- Independent control of hue, saturation and gain for primary and secondary colours.
- 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.

Geometry Correction

- Vertical keystone correction.

Source Compatibility:

Graphics standards up to 1600 x 1200 resolution at 60Hz via DVI or VGA.
DVI single link with HDCP compliance.
Component Video (SD and HD) via YPrPb, RGB or RGBS.
S-Video (PAL, NTSC & SECAM)
Composite Video (PAL, NTSC & SECAM)

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DVI-D - Single Link DVI	DVI	1	LAN	RJ45	1
VGA / Analog RGB In	15-pin D-Sub	1	RS232	9-pin D Sub	1
VGA / Analog RGB Out	15-pin D-Sub	1	12V Trigger	3.5mm Stereo Jack	1
Component Video	3 x RCA	1	Service Port	USB Type B	1
Component Video	5 x BNC	1			
S-Video	4-pin Mini DIN	1			
Composite Video	RCA	1			
Audio					
DVI Audio In	3.5mm Mini Jack	1			
VGA Audio In	3.5mm Mini Jack	1			
VGA Audio Out	3.5mm Mini Jack	1			
Component Video Audio In	2 x RCA Phono	1			
RGBHV Audio In	3.5mm Mini Jack	1			
Shared S-Video/Composite Video Audio In	2 x RCA Phono	1			
3D Formats Supported			HDTV Formats Supported		
Frame Sequential			1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)		
Computer Compatibility			Bandwidth		
Up to 1600 x 1200			165 MHz on analog RGB 165 Megapixels per second on DVI		
Remote Control			Automation Control		
IR Remote Control			RS232		
On-Board keypad			PJLink		
Colour Temperature					
6000K					
Lamp Type			Typical Lamp Life		
2 x 280W High Intensity Discharge			Full Power: 2000 hours (up to 4000 hours in lamp sequential mode) Eco Mode : 3000 hours (up to 6000 hours in lamp sequential mode)		
Lenses					
Lens	Part No.	Focus Range	Lens Shift		
0.78 :1 fixed	112-499	0.81m - 5.08m	none		
0.77 - 0.97 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
1.28 - 1.85 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
1.77 - 2.34 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
2.28 - 3.82 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
3.67 - 5.58 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
5.42 - 8.59 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame		
Lens Mount					
Motorised shift, zoom and focus.					
Mechanical Mounting			Orientation		
Front/Rear Table			Table Top or Inverted: Yes		
Front/Rear Ceiling			Pointing Up: Yes		
Adjustable Front/Rear Feet			Pointing Down: Yes		
			Roll (Portrait): +/-10° from horizontal		
Power Requirements			Power Consumption		
100-240VAC 50/60Hz single phase			715W		
Thermal Dissipation			Fan Noise		
2440 BTU/Hour			39 dBA, Eco 34dBA		
Operating/Storage Temperature			Operating Humidity		

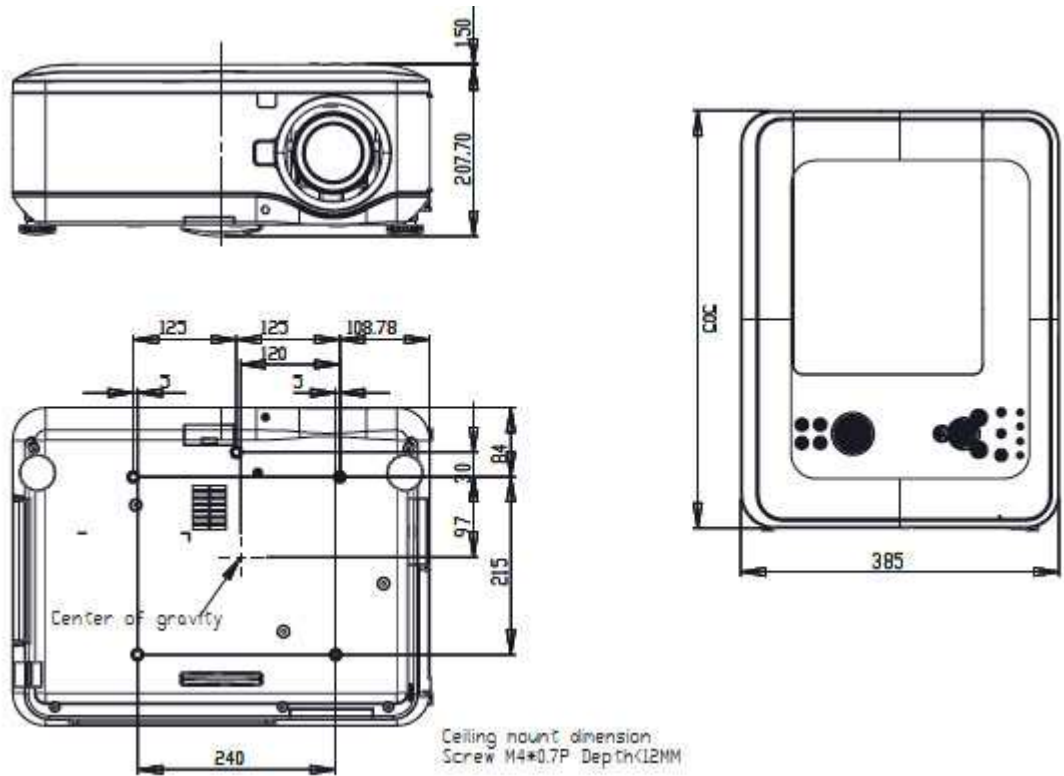
Operating: 5 to 40C (41 to 104F)
Storage: -10 to 60C (14 to 140F)

5% to 90% non-condensing

Weight (Chassis Only)	Dimensions
20.5 kg 45.2 lb	L: 55.3 cm W: 40.4cm H: 22 cm L: 21 in W: 15.9 in H: 8.7 in

Safety & EMC Regulations

CE, CB, FCC Class A, UL, CCC



**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

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- 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 XIAO 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