

E-Vision 6500 WXGA

7,000 ANSI Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:114-743

E-Vision 6500 Series Digital Projectors

**Colour System:**

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

DMD Specification:

1280 x 800 pixels native, +/- 12° tilt angle
Fast transit pixels for smooth greyscale and improved contrast.

Aspect Ratio:

16x10

Display Type:

1 x 0.65" 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				
0.8 :1 fixed	112-499	0.81m - 5.08m	none				
0.78 - 0.99 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame				
1.31 - 1.88 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame				
1.8 - 2.38 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame				
2.32 - 3.89 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame				
3.74 - 5.67 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame				
5.53 - 8.74 :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	
16.1 kg 35.5 lb		L: 38.5cm W: 50.5cm H: 20.9cm L: 15.2in W: 19.9in H: 8.2in	
Safety & EMC Regulations			
CE, CB, FCC Class A, UL, CCC			
Accessories			
Accessory		Part No.	
Lamp & Housing		110-284	
Infrared Remote (replacement)		112-377	
Ceiling Mount Kit w/plate & 500mm pole		112-940	
Gyrolock Ceiling Mount Kit w/plate & 230 - 300mm adjustable pole		112-410	
Swivel Truss Mount Kit - fully adjustable for up to 50kg		116-201	
Replacement Filter Set		116-377	
<i>*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.</i>			
Downloads			
PDF CAD Drawings		User Guides	
AUTOCAD Drawings		Important Information	
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