

## E-Vision 6000 WXGA

6,000 Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:113-311

### E-Vision 6000 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.  
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.
- 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 & horizontal 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 Aud	2 x RCA Phono	1			

3D Formats Supported	HDTV Formats Supported
Not applicable	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 On-Board keypad	RS232 PLink

Colour Temperature
User selectable from 5000 to 10500k

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
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 Front/Rear Ceiling Adjustable Front/Rear Feet	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> +/-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)

20.5 kg  
45.2 lb

#### Dimensions

L: 50.5 cm W: 38.5 cm H: 20.8 cm  
L: 19.9 in W: 15.2 in H: 8.2 in

#### Safety & EMC Regulations

CE, FCC Class B, UL

#### Downloads

[PDF CAD Drawings](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Important Information](#)

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