

## E-Vision 7000 XGA

7,000 ANSI Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:112-202

### E-Vision 7000 Series Digital Projectors

**DIGITAL**  **PROJECTION****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 On-Board keypad	RS232 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
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 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



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