

# E-Vision Series

E-Vision WXGA 7000



## PERFORMANCE SPECIFICATIONS

**Brightness ( $\pm 10\%$ )**  
7000 ANSI Lumens

**Contrast Ratio ( $\pm 10\%$ )**  
2400:1 (1000:1 native contrast)

**Display Type**  
1 x 0.65" DMD™ 12° for improved contrast

**DMD Specification**  
1280 x 800 pixels native

**Sequential Color Management**

- 4-Segment Color Wheel and 6-Segment Color Wheel included - user swappable
- "BrilliantColor" for improved brightness and color performance

**Source Compatibility**

- Composite, s-video, and color difference video standards
- RGB graphics standards up to 1600 x 1200 @ 60Hz
- High definition RGB and component standards
- DVI single link standard with HDCP compliance

**Video Compatibility**

- HDTV
- SDTV

**Bandwidth (up to)**

- 170 MHz on analog RGB
- 170 MHz on DVI

**Aspect Ratio (native)**  
16 x 10 - WXGA

**Network Connection**  
LAN via RJ 45

**Lamp Type**  
Dual High Intensity Discharge module

**Lamp Life (typical)<sup>1</sup>**  
2000 hours dual lamp mode / up to 6000 hours in sequential and ECO single lamp mode

**Lens Mount**  
Motorized horizontal and vertical lens shift, zoom and focus  
Fixed: lens is manual focus

**Lens Shift (maximum)**  
**Horizontal:**  
.1 of frame if vertical shift is at 0% position  
**Vertical:**  
.5 of frame if horizontal shift is at 0% position

NOTE: .77 fixed lens has NO LENS SHIFT as it is meant as an on-axis lens and is best suited for rear screen projection applications.

**Lens Options**  
WXGA  
0.77 :1 fixed  
1.33 - 1.79 :1 zoom  
1.78 - 2.35 :1 zoom  
2.22 - 4.43 :1 zoom  
4.43 - 8.3 :1 zoom

- High-contrast lens available

**Mechanical Mounting**  
Front or rear table; Front or rear ceiling (ceiling mount optional)

**Dimensions (excluding lens)**  
15.9in(L) x 21in(W) x 8.7in(H)  
404mm(L) x 533mm(W) x 220mm(H)

**Weight (chassis only)**  
44 lbs (20kg)

## Overview

Digital Projection International (DPI), an Emmy® Award-winning manufacturer of high-performance projection systems, is pleased to introduce the E-Vision series - the newest product in our high-brightness, high-value projection line. As the first display in the new series to be unveiled, the E-Vision 7000 serves as a remarkably affordable projector benefitting from the imaging fidelity of Texas Instruments' DLP® technology. With numerous lens options, user swappable color wheels and advanced color controls, the 7,000 lumen E-Vision 7000 continues DPI's legacy of developing powerful, efficient displays for every commercial application imaginable.

Weighing in at just 44 lbs., the dual-lamp E-Vision 7000 employs the latest in Texas Instruments' 1280 x 800 dark metal DLP® technology to deliver 7,000 lumens and up to 2400:1 contrast. Robustly built and ultra-quiet, the E-Vision 7000 is an unmatched solution for corporate boardrooms, conference venues, Houses of Worship, digital signage, and any other application needing bright, accurate imagery at an remarkably accessible price point.

The E-Vision 7000 delivers high performance features as well as a compelling price. A variety of fixed and zoom lens options gives the E-Vision 7000 a flexible throw ratio range of .77:1 – 8.3:1. Swappable color wheel options allow the integrator or the end user to easily install the color wheel that provides the best balance of lumens and color depth to complement their application objectives and venue lighting conditions.

Other key benefits of the E-Vision 7000 include:

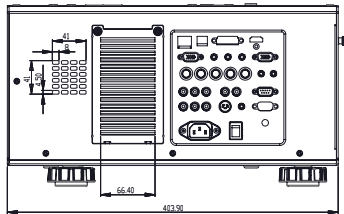
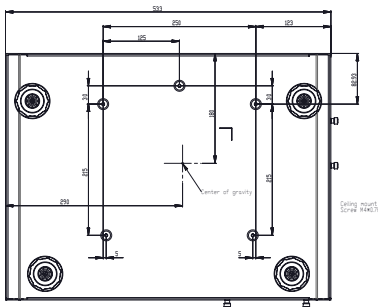
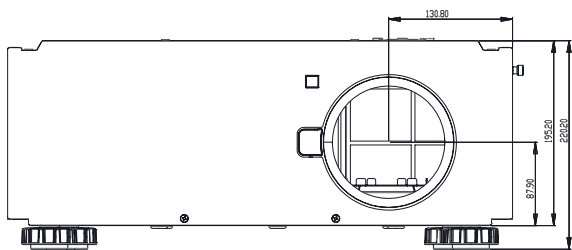
- Advanced video processing featuring class leading de-interlacing with SD and HD sources processed using auto 3:2 and 2:2 extraction.
- Six user-selectable inputs, including HDCP compliant DVI.
- Up to 14 Bit color for high greyscale performance and exceptional color depth.
- Easy to change, user swappable color wheels - four segment for maximum light output and six segment for maximum color performance. Changing color wheels is achieved in minutes.
- A range of precision optics with extended lens shift enable unsurpassed installation flexibility and optical performance.
- Rugged and capable lens mount, provides motorized zoom, focus, horizontal and vertical lens shift.
- Dual lamp design provides high brightness with lowest cost of owner ship. Each set of lamps can deliver up to 6000 hours of operational life, when operated in sequential eco mode.

DPI's new E-Vision 7000 - an affordable, flexible and visually impressive projection solution for demanding venues and applications.

## INPUT CAPABILITIES

Type	Connector	Quantity
Composite	RCA	1
S-Video	4-pin mini DIN	1
Component		
Interlaced/Std def Y, Cr/Pr, Cb/Pb,	RCAx3	1
Graphics		
Progressive RGB/Progressive Interlaced Hi def Y, Cr/Pr, Cb/PB	BNCx5	1
RGBHV (Progressive)	D-sub (15-pin)	1
Digital RGB	Single Link DVI	1
Audio		
Composite/ S-Video	RCAx2	1
Component	RCAx2	1
Graphics	3.5mm Mini Jack	1
RGBHV	3.5mm Mini Jack	1
Digital RGB	3.5mm Mini Jack	1
Output		
Monitor output	D-sub (15-pin)	1

# E-Vision Series



Projector dimensions (in)  
L1 15.9 W1 21 H1 8.7

Projector dimensions (mm)  
L1 404 W1 533 H1 220

## ADVANCED TECHNICAL SPECIFICATIONS



### PARAMETERS

Native Colour Temperature	6100°K ±1000°K; white balance-adjustment: 3000°K to 10000°K
HDTV Formats Supported	1080i (50Hz, 60Hz), 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080 24sf, 720p (50, 60Hz), 480i, 480p
Scan Rates Supported	Horizontal: 15kHz to 90kHz / Vertical: 50Hz to 85Hz Digital only 24,25,30 Hz
Remote Control	Addressable IR remote control / On board keypad
Automation Control	LAN connection via RJ45 / RS232 9-pin D type
Operating/Storage Temperature	Operating: 5°C to 40°C / Storage: -10 to 60°C
Operating Humidity	10 to 85% non-condensing
Thermal Dissipation	2422 BTU/hr
Fan Noise	Less than 39dBA (ECO 34dBA)
Power Requirements	100-240 VAC, 50/60Hz single phase
Power Consumption	730 watts maximum

### Projectors

E-Vision 7000

**Part #**  
112-204

### Accessories

Single 280W Lamp & Housing (2 required)  
Adjustable Ceiling Mount  
Infrared Remote  
Adapter Plate for Kino Torsion System

**Part #**  
110-284  
111-182  
110-377  
111-183

### Lenses

0.8 :1 fixed  
1.31 - 1.88 :1 zoom  
1.80 - 2.38 :1 zoom  
2.32 - 3.89 :1 zoom  
3.74 - 5.67 :1 zoom  
5.53 - 8.74 :1 zoom

**Part #**  
112-499  
112-500  
112-501  
112-502  
112-503  
112-504

1 Based on 4-6 hour/day operational profile. Venue and application conditions may impact actual lamp life.  
See Digital Projection's Product Warranty Statement for details on lamp warranty.  
Installations requiring horizontal or vertical tilt orientations greater than 15 degrees may reduce the actual operational hours of one of the two lamps.

