DIGITAL PROJECTION
Precision Displays for Every Venue

PRELIMINARY

E-Vision 8000 Series

E-Vision WUXGA-8000

PERFORMANCE SPECIFICATIONS

Brightness (±10%)
8000 ANSI Lumens

Contrast Ratio (±10%)
2400:1 (1000:1 native contrast)

Display Type
1 x 0.67" DMD™

DMD Specification
1920 x 1200 pixels native

Sequential Color Management
- 6-Segment RGBCWY Color Wheel for maximum brightness
- Optional 6-Segment RGBCMY Color Wheel for optimized colorimetry
- "BrilliantColor" for improved brightness and color performance

Source Compatibility
- Composite, s-video, and color difference video standards
- RGB graphics standards up to 1920 x 1200 @ 60Hz
- High definition RGB and component standards
- DVI single link standard with HDCP compliance
- HDMI & 3G SDI as standard

Video Compatibility
- HDTV
- SDTV

Bandwidth (up to)
- 165 MHz on analog RGB
- 165 MHz on DVI

Aspect Ratio (native)
16 x 10 - WUXGA

Network Connection
LAN via RJ 45

Lamp Type
400W Dual High Intensity Discharge module

Lamp Life (typical)[1]
2000 hours dual lamp mode / up to 5000 hours in sequential and ECO single lamp mode

Lens Mount
Motorized horizontal and vertical lens shift, zoom and focus
Fixed: lens is manual focus
Intelligent Lens Memory functionality

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: .76 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
WUXGA
0.76 :1 fixed
1.25 - 1.79 :1 zoom
1.73 - 2.27 :1 zoom
2.22 - 3.67 :1 zoom
3.58 - 5.38 :1 zoom
5.31 - 8.26 :1 zoom

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

Dimensions (excluding lens)
20.08in(L) x 21.3in(W) x 9.05in(H)
510mm(L) x 541mm(W) x 230mm(H)

Weight (chassis only)
52.8 lbs (24kg)

Video Processing
Warp & Blend capabilities, including:
- Advanced Geometry Correction
- High Quality Edge Blending

Overview

Digital Projection International (DPI), an Emmy® Award-winning manufacturer of high-performance projection systems, is pleased to introduce the E-Vision 8000 series - the newest product in our high-brightness, high-value projection line. As the first E-Vision display to include advanced Image Warp & Blend capabilities, the E-Vision WUXGA-8000 serves as a remarkably capable projector benefitting from the imaging fidelity of Texas Instruments' DLP® technology. With numerous lens options, user swappable color wheels and advanced color controls, the 8,000 lumen E-Vision WUXGA-8000 continues DPI's legacy of developing powerful, efficient displays for every commercial application imaginable.

Weighing in at just 24 kgs, the dual-lamp E-Vision WUXGA-8000 employs the latest in Texas Instruments' 1920 x 1200 dark metal DLP® technology to deliver 8,000 lumens and up to 2400:1 contrast. Robustly built and ultra-quiet, the E-Vision WUXGA-8000 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 WUXGA-8000 delivers high performance features as well as a compelling price. A variety of fixed and zoom lens options gives the E-Vision WUXGA-8000 a flexible throw ratio range of .76:1 – 8.26:1. 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 WUXGA-8000 include:
- Image Warp & Blend capabilities.
- Advanced video processing featuring class leading de-interlacing with SD and HD sources processed using auto 3:2 and 2:2 extraction.
- 7 user-selectable inputs, including HDCP compliant DVI, plus option slot.
- Up to 10 Bit color for high greyscale performance/exceptional color depth.
- Easy to change, user swappable color wheels. Changing color wheels is achieved in minutes.
- A range of precision optics with extended lens shift enable unsurpassed installation flexility 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 5000 hours of operational life, when operated in sequential eco mode.

DPI's new E-Vision WUXGA-8000 - 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
HDMI	HDMI	1
3G-SDI	3G-SDI (in)	1
3G-SDI	3G-SDI (out)	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

DIGITAL PROJECTION

E-Vision 8000 Series

PRELIMINARY

ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	E-Vision WUXGA-8000
Native Colour Temperature	6100°K ±1000°K; white balance-adjustment: 3200°K to 9300°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 108kHz / Vertical: 48Hz to 120Hz Digital only 24,25,30 Hz
Remote Control	IR remote control, optional wired remote / On board keypad
Automation Control	LAN connection via RJ45 / RS232 9-pin D type
Operating/Storage Temperature	Operating: 0°C to 40°C / Storage: -5 to 45°C
Operating Humidity	10 to 95% non-condensing
Thermal Dissipation	3481 BTU/hr @ 110V
Fan Noise	Less than 45dBA (ECO 39dBA)
Power Requirements	100-240 VAC, 50/60Hz single phase
Power Consumption	TBA

Projectors	Part #
E-Vision WUXGA-8000	112-339

Accessories	Part #
Single 400W Lamp & Housing (2 required)	112-531
Adjustable Ceiling Mount	TBA
Infrared Remote	112-532
Adapter Plate for Kino Torsion System	111-183

Lenses	Part #
0.76 :1 fixed	112-499
1.25 - 1.79 :1 zoom	112-500
1.73 - 2.27 :1 zoom	112-501
2.22 - 3.67 :1 zoom	112-502
3.58 - 5.38 :1 zoom	112-503
5.31 - 8.26 :1 zoom	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.

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