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## E-VISION 15000i 4K+



THE VISIONARIES CHOICE

## E-Vision 15000i 4K+ (Preliminary)

**15,000 ISO / 13,500 ANSI Lumens | Contrast Ratio: 20,000:1 (Dynamic Black) | Part Number: 124-361**

### Key Specifications:

<b>Colour System:</b>	Laser Phosphor with Colorboost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 8 Segment RGBYRGBY 2 x 7200rpm (120Hz)
<b>Display Type:</b>	1 x 0.8" HEP DMD™ (High Efficiency Pixel)
<b>DMD Specification:</b>	1920 x 1200 pixels native display. (3840 x 2400 via 4-way pixel shift technology) Fast transit pixels for smooth greyscale and improved contrast.
<b>Aspect Ratio:</b>	16x10
<b>Fill Factor</b>	87%
<b>Key Features:</b>	<b>Video &amp; Graphics Processing</b> <ul style="list-style-type: none"><li>• Nexus electronics platform</li><li>• HDMI 2.0</li><li>• DisplayPort 1.2</li><li>• 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours</li><li>• Hue, Saturation and Gain colour management.</li><li>• 24p and 1080p native display.</li><li>• HDR support</li><li>• Input source automatically detected</li><li>• Selectable Dynamic Black</li><li>• DICOM simulation mode</li></ul>

- Optics engine sealed to IP6X

**Geometry Correction**

- Vertical & Horizontal Keystone correction
- Four Corner adjustment
- Rotation -100 to +100 with +/- 0.25° per step
- Selectable aspect ratios: 5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled
- Digital Zoom 0% ~ 100%
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens. 16:10 / 16:9 / 4:3 / 2.35:1
- Custom warp

**Edge Blending**

- Correction for non-active pixels at the edge of the display.

**HDBaseT® Interface**

- Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows the projector to be placed up to 100m from the source with low cost cabling.
- HDBaseT® Includes Ethernet 100BaseT and RS232/IR control.

**Colour Processing**

- Powerful seven point colour correction for accurate colour matching.

**Projector LAN Control**

- Free Digital Projection Projector Controller II software
- Intuitive user interface for network control.
- At-a-glance monitoring of projector status.
- Simultaneous control of user-defined groups of projectors.

**Source Compatibility**

12G-SDI, Supports a high data transfer rate of up to 12 gigabits per second (Gbps), enabling the transmission of uncompressed 4K UHD (Ultra High Definition) video signals with a single connector

Graphics standards up to WUXGA 1920 x 1200 - 120Hz RB, Up to WQXGA 2560 x 1600 60Hz RB (DisplayPort)

Video standards including HDTV 1080p - 60Hz and 4K-UHD (3840 x 2160) 60Hz

Support for colour gamuts up to P3

**Inputs/Outputs**

Video & Computer		
Type	Connector	Qty
HDMI 2.0 (HDCP compatible)	HDMI	2
DisplayPort 1.2	DisplayPort	2
HDBaseT	8P8C "RJ45"	1
12G-SDI in	BNC	1
3G-SDI out	BNC	1

	Communication & Control																			
	Type	Connector	Qty																	
	3D Sync In	BNC	1																	
	3D Sync Out (loop through)	BNC	1																	
	3D Sync Out for IR	BNC	1																	
	LAN / Art-Net	EtherCON RJ45	1																	
	HDBaseT/Ethernet/RS232/IR	RJ45	1																	
	Serial In RS-232C	9-pin D-Sub	1																	
	Serial Out RS-232C	9-pin D-Sub	1																	
	Wired Remote In	3.5mm Stereo Jack	1																	
	Wired Remote Out	3.5mm Stereo Jack	1																	
	12V Trigger 12V 350mA	3.5mm Stereo Jack	1																	
	USB Power out 5V/2A	USB Type A	1																	
<b>3D Formats Supported</b>	Off Auto Side by Side Top and Bottom Dual Pipe Frame Sequential																			
<b>HDTV Formats Supported</b>	EDTV (480p, 576p), HDTV (720p, 1080i, 1080p), 4K-UHD (3840 x 2160), DCI 4K (4096 x 2160)																			
<b>Computer Compatibility</b>	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, WQXGA																			
<b>Bandwidth</b>																				
<b>Remote Control</b>	Infrared/Wired Remote Control Unit																			
<b>Automation Control</b>	LAN - Webpage control TCP/UDP control RS-232 Alert Mail for Projector LAN Control-Crestron® Connected LAN Control-PJ Link Class 1 compatible LAN Control-AMX® Device Discovery Art-Net (DMX) control																			
<b>Colour Temperature</b>	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native )																			
<b>Operation</b>																				
<b>illumination Type</b>	Laser Phosphor. ECO mode support (80% Brightness)																			
<b>Typical illumination Life</b>	20,000 hours																			
<b>Lenses</b>	<table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <tr> <td>0.31 - 0.33 :1 UST zoom (90° Type)</td> <td>124-318</td> <td>TBD</td> <td>Vert: 0.5 (U) 0.5 (D) frame, Hor: None (L) None (R) frame</td> </tr> <tr> <td>0.55 - 0.75 :1 zoom</td> <td>124-319</td> <td>2.03m - 7.62m</td> <td>Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame</td> </tr> <tr> <td>0.74 - 1.08 :1 zoom</td> <td>124-320</td> <td>1.52m - 10.16m</td> <td>Vert: 0.5 (U) 0.5 (D)</td> </tr> </tbody> </table>				Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)	0.31 - 0.33 :1 UST zoom (90° Type)	124-318	TBD	Vert: 0.5 (U) 0.5 (D) frame, Hor: None (L) None (R) frame	0.55 - 0.75 :1 zoom	124-319	2.03m - 7.62m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame	0.74 - 1.08 :1 zoom	124-320	1.52m - 10.16m	Vert: 0.5 (U) 0.5 (D)
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	1.05 - 1.41 :1 zoom	124-321	1.52m - 12.7m Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame				
	1.4 - 2.11 :1 zoom	124-322	1.52m - 12.7m (mech 1.27m - 15.24m) Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame				
	2.1 - 4.0 :1 zoom	124-323	1.52m - 12.7m Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame				
	3.0 - 4.52 :1 zoom	112-503	TBD Vert: 0.45 (U) 0.45 (D) frame, Hor: 0.2 (L) 0.2 (R) frame				
	4.46 - 6.94 :1 zoom	112-504	TBD Vert: 0.45 (U) 0.45 (D) frame, Hor: 0.2 (L) 0.2 (R) frame				
	* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,						
<b>Lens Mount</b>	Centred lens for installation flexibility Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).						
<b>Mechanical Mounting</b>	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet Ceiling Mount compatible chassis with 6 off M4*0.7 mounting holes available, Maximum screw length 16mm						
<b>Orientation</b>	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> Yes						
<b>Power Requirements</b>	100-240VAC 50/60Hz single phase						
<b>Power Consumption</b>	990W (max)						
<b>Thermal Dissipation</b>	TBD						
<b>Fan Noise</b>	Normal mode: 40 dBA typical Eco Mode: Max 39 dBA						
<b>Operating/Storage Temperature:</b>	Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)						
<b>Operating Humidity</b>	90% (with maximum temperature of 35°C (95°F))						
<b>Weight</b>	29.4 kg / 64.8 lbs						
<b>Dimensions</b>	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch						
<b>Safety &amp; EMC Regulations</b>	TBD						
<b>Accessories</b>	<table border="1"> <thead> <tr> <th>Accessory</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>			Accessory	Part No.		
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*\*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.*

<b>Downloads</b>	<a href="#">PDF CAD Drawings</a> <a href="#">AUTOCAD Drawings</a> <a href="#">STEP / IGS Drawings</a>
<b>User Guide</b>	



### DIGITAL PROJECTION, LTD



Unit 3, Aniseed Park, Broadgate,

Oldham, UK OL9 9XA



T: +44 (0)161 947 3300



[www.digitalprojection.com](http://www.digitalprojection.com)



### DIGITAL PROJECTION, INC



55 Chastain Road, Suite 115 Kennesaw, GA.

30144



T: 770.420.1350 | F: 770.420.1360



[www.digitalprojection.com](http://www.digitalprojection.com)



### DIGITAL PROJECTION, CHINA



Rm A2301, Shaoyaoju 101 North Lane, Shi Ao

International Center, Chaoyang District, Beijing 100029,  
PR China



T: +86.10.58239771 | F: +86 10 58239770

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