

[Click to Print This Page](#)



E-VISION 10000i 4K+ RGB



THE VISIONARIES CHOICE



E-Vision 10000i 4K+ RGB (Preliminary)

10,000 ISO / 9,000 ANSI Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) | Part Number: 124-360

Key Specifications:

Colour System:	Direct RGB Laser (no phosphor or color wheels)
Display Type:	1 x 0.8" HEP DMD™ (High Efficiency Pixel)
DMD Specification:	1920 x 1200 pixels native display. (3840 x 2400 via 4-way pixel shift technology) Fast transit pixels for smooth greyscale and improved contrast.
Aspect Ratio:	16x10
Fill Factor	87%
Key Features:	RGB illumination - The new E-Vision 10000i 4K+ RGB - an RGB illuminated 1-Chip projector. The single-chip E-Vision eliminates the artifacts and color separation commonly associated with projectors utilising a conventional colour wheel, while achieving 4K+ resolution Video & Graphics Processing - Nexus electronics platform - HDMI 2.0 - DisplayPort 1.2 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours - Hue, Saturation and Gain colour management. 24p and 1080p native display.

	• HDR support • Input source automatically detected • Selectable Dynamic Black • DICOM simulation mode • 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	<table><tr><td colspan="3">Video & Computer</td></tr><tr><td>Type</td><td>Connector</td><td>Qty</td></tr><tr><td>HDMI 2.0 (HDCP compatible)</td><td>HDMI</td><td>2</td></tr></table>	Video & Computer			Type	Connector	Qty	HDMI 2.0 (HDCP compatible)	HDMI	2
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													
3D Formats Supported	Off Auto Side by Side Top and Bottom Dual Pipe Frame Sequential														
HDTV Formats Supported	EDTV (480p, 576p), HDTV (720p, 1080i, 1080p), 4K-UHD (3840 x 2160), DCI 4K (4096 x 2160)														
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, WQXGA														
Bandwidth															
Remote Control	Infrared/Wired Remote Control Unit														
Automation Control	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														
Colour Temperature	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native)														
Operation															
illumination Type	RGB Laser														
Typical illumination Life	20,000 hours														
Lenses	<table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr><tr><td>0.31 - 0.33:1 zoom</td><td>124-318</td><td>0.38 - 3.01m</td><td>Vert: +/- 50% Hor: +/- 20%</td></tr><tr><td>0.55 - 0.75:1 zoom</td><td>124-319</td><td>0.69 - 6.58m</td><td>Vert: +/- 50% Hor: +/- 20%</td></tr></table>			Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)	0.31 - 0.33:1 zoom	124-318	0.38 - 3.01m	Vert: +/- 50% Hor: +/- 20%	0.55 - 0.75:1 zoom	124-319	0.69 - 6.58m	Vert: +/- 50% Hor: +/- 20%
Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)												
0.31 - 0.33:1 zoom	124-318	0.38 - 3.01m	Vert: +/- 50% Hor: +/- 20%												
0.55 - 0.75:1 zoom	124-319	0.69 - 6.58m	Vert: +/- 50% Hor: +/- 20%												

	0.74 - 1.08:1 zoom	124-320	0.75 - 12.19m	Vert: +/- 50% Hor: +/- 20%
	1.05 - 1.41:1 zoom	124-321	1.06 - 18.94m	Vert: +/- 60% Hor: +/- 20%
	1.4 - 2.11:1 zoom	124-322	1.47 - 27.86m	Vert: +/- 60% Hor: +/- 20%
	2.1 - 4.0:1 zoom	124-323	2.24 - 54.19m	Vert: +/- 60% Hor: +/- 20%
	3.0 - 4.52:1 zoom	112-503	2.53 - 47.2m	Vert: +/- 45% Hor: +/- 10%
	4.46-6.94:1 zoom	112-504	3.71 - 76.7m	Vert: +/- 45% Hor: +/- 10%
	* 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%,			
Lens Mount	Centred lens for installation flexibility Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).			
Mechanical Mounting	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			
Orientation	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes			
Power Requirements	100-240VAC 50/60Hz single phase			
Power Consumption	800W			
Thermal Dissipation	TBD			
Fan Noise	Normal mode: 36 dBA typical Silence Mode: Max 33 dBA			
Operating/Storage Temperature:	Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)			
Operating Humidity	90% (with maximum temperature of 35°C (95°F))			
Weight	29.4 kg / 64.8 lbs			
Dimensions	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch			
Safety & EMC Regulations	TBD			
Accessories	Accessory		Part No.	
	*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.			
Downloads				
User Guide				



DIGITAL PROJECTION, LTD



Unit 3, Aniseed Park, Broadgate,

Oldham, UK OL9 9XA



T: +44 (0)161 947 3300



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



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



Specifications subject to change without notice.
©2024 Digital Projection. DLP®, Digital Light
Processing™ and DMD are trademarks of Texas
Instruments, Inc

A brand of 