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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:

Colour System:	Laser Phosphor with Colorboost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 8 Segment RGBYRGBY 2 x 7200rpm (120Hz)
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:	Video & Graphics Processing <ul style="list-style-type: none">• Nexus electronics platform• Support 3840 x 2160 display resolution• 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

Video & Computer		
Type	Connector	Qty
HDMI 2.0b	HDMI	x 2
Display Port 1.2	DisplayPort	x 2
12G SDI IN	BNC	x 1

	12G SDI OUT HDBaseT	BNC 8P8C "RJ45"	x 1 x 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	Laser Phosphor. ECO mode support (80% Brightness)																		
Typical illumination Life	20,000 hours																		
Lenses	<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 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> <tr> <td>0.74 - 1.08:1 zoom</td> <td>124-320</td> <td>0.75 - 12.19m</td> <td>Vert: +/- 50%</td> </tr> </tbody> </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%	0.74 - 1.08:1 zoom	124-320	0.75 - 12.19m	Vert: +/- 50%
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	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%				
	<p>* 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%,</p>						
Lens Mount	<p>Centred lens for installation flexibility Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).</p>						
Mechanical Mounting	<p>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</p>						
Orientation	<p>Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes</p>						
Power Requirements	100-240VAC 50/60Hz single phase						
Power Consumption	990W (max)						
Thermal Dissipation	TBD						
Fan Noise	<p>Normal mode: 40 dBA typical Eco Mode: Max 39 dBA</p>						
Operating/Storage Temperature:	<p>Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)</p>						
Operating Humidity	90% (with maximum temperature of 35°C (95°F))						
Weight	29.4 kg / 64.8 lbs						
Dimensions	<p>L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch</p>						
Safety & EMC Regulations	TBD						
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Downloads	<p>PDF CAD Drawings AUTOCAD Drawings</p>						



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