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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:	<p>RGB illumination</p> <ul style="list-style-type: none">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 <p>Video & Graphics Processing</p> <ul style="list-style-type: none">Nexus electronics platformHDMI 2.0DisplayPort 1.210-bit colour processing (30-bits per pixel) 1,073,741,824 coloursHue, 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 up colour gamut up to P3

Inputs/Outputs

Video & Computer		
Type	Connector	Qty
HDMI 2.0 (HDCP compatible)	HDMI	2

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3D Formats Supported	N/A																														
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	<p>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</p>																														
Colour Temperature	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native)																														
Operation																															
illumination Type	RGB Laser																														
Typical illumination Life	20,000 hours																														
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	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%,						
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						
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Downloads							
User Guide							



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