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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:

<b>Colour System:</b>	Direct RGB Laser (no phosphor or color wheels)
<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>	<p><b>RGB illumination</b></p> <ul style="list-style-type: none"><li>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</li></ul> <p><b>Video &amp; Graphics Processing</b></p> <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></ul>

- 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

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<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																																							
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<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>	RGB Laser																																							
<b>Typical illumination Life</b>	20,000 hours																																							
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<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>	800W																								
<b>Thermal Dissipation</b>	TBD																								
<b>Fan Noise</b>	Normal mode: 36 dBA typical Silence Mode: Max 33 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																								
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