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# E-VISION 4000 4K-UHD DIGITAL PROJECTOR



THE VISIONARIES CHOICE

## E-Vision 4000 4K-UHD

**3,300 ANSI / 3,800 ISO Lumens | Contrast Ratio: 500,000:1 Advanced Black. 1,300:1 native | Part Number: 121-804**

### Key Specifications:

<b>Colour System:</b>	Laser Phosphor
<b>Display Type:</b>	1 x 0.47" DarkChip 3™ DMD™
<b>DMD Specification:</b>	3840 x 2160
<b>Aspect Ratio:</b>	16x9
<b>Fill Factor</b>	
<b>Key Features:</b>	<p><b>Video &amp; Graphics Processing</b></p> <ul style="list-style-type: none"><li>• 2 x HDMI with HDCP</li><li>• 3D support for Side by Side, Frame Packing and Top and Bottom formats</li><li>• HDR processing</li><li>• MEMC for enhanced motion performance</li><li>• Synchronisation of active 3D glasses</li><li>• DICOM simulation mode</li></ul> <p><b>Geometry Correction</b></p> <ul style="list-style-type: none"><li>• Vertical Keystone correction adjustment Selectable 16:9, 4:3, Letterbox and Full Screen aspect ratios</li><li>• Digital Zoom +10 ~ -10</li></ul> <p><b>HDBaseT® Interface</b></p>

- 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 audio, Ethernet 100BaseT and RS232/IR control

**Colour Processing**

- 6 Segment (WGYWGY) Phosphor wheel
- 8 Segment (BGRBGR) Colour wheel
- 10-bit colour display (30 bits per pixel : 1,073,441,824 colours)
- Powerful seven point colour correction for accurate colour matching

**Source Compatibility**

Graphics standards up to 1920 x 1200 resolution at 60Hz.  
Input support for 4K-UHD, 3840 x 2160 and 4096 x 2160 at 60 Hz.

**Inputs/Outputs**

Video & Computer		
Type	Connector	Qty
HDMI 2.1	HDMI	2
VGA / Analog RGB HDBaseT	15-pin D-Sub RJ45	1
USB Type A / (5V/2A)	USB Type A	1
<b>NOTE: The USB is to power external interfaces.</b>		1
<b>Audio:</b>		
Audio IN L+R	3.5 mm jack	1
Audio OUT (variable)	3.5 mm jack	1
Speaker	10W speaker	1

Communication & Control		
Type	Connector	Qty
LAN	RJ45	1
RS-232C	9-pin D-sub	1
USB (for Service) 3D Sync	Mini B	1
Out	VESA 3-PIN mini DIN	1
12V Trigger	3.5mm jack	1
<b>NOTE: The HDBaseT and LAN ports are separate.</b>		

**3D Formats Supported**

Frame Packing  
Side By Side (half)  
Top and Bottom

**HDTV Formats Supported**

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz) 1080i (50Hz, 60Hz) 720p (50Hz, 60Hz)

**Computer Compatibility**

VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz


**Bandwidth**

**Remote Control**

IR remote control, 2 x IR receivers

**Automation Control**

LAN control - Crestron RoomView® Connected  
LAN control - Crestron eControl  
LAN control - Extron  
LAN control to RS232 by Telnet  
HDBaseT communication

	Projector status email alerts PJ Link (Class1)								
<b>Colour Temperature</b>	Warm / Normal / Cold								
<b>Operation</b>									
<b>illumination Type</b>	Laser Light Source								
<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>1.13 - 1.7:1</td> <td>N/A</td> <td>1.6m - 8m</td> <td>Vert: 0.60 (U) 0.60 (D) frame, Hor: 0.20 (L) 0.20 (R) frame</td> </tr> </tbody> </table> <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	Part No.	Optimised Focus Range*	Lens Shift (Frame)	1.13 - 1.7:1	N/A	1.6m - 8m	Vert: 0.60 (U) 0.60 (D) frame, Hor: 0.20 (L) 0.20 (R) frame
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<b>Lens Mount</b>	Manual vertical and horizontal shift, with manual focus and zoom								
<b>Mechanical Mounting</b>	Front/Rear Front/Rear Ceiling Two adjustable front feet Ceiling Mount compatible chassis with 4 off M4 mounting holes								
<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>	Normal Mode (100%): 538W@240VAC, 570W@100VAC								
<b>Thermal Dissipation</b>	Normal Mode (typical): 1945 BTU/Hour @ 100VAC 1836 BTU/Hour @ 240VAC								
<b>Fan Noise</b>	Normal Mode (Typical): 35 dBA / Max: 37 dBA								
<b>Operating/Storage Temperature:</b>	Operating: 0° to 40°C (32°F to 104°F) Storage: -10° to 60°C (14°F to 140°F)								
<b>Operating Humidity</b>	10% to 85% non-condensing								
<b>Weight</b>	12 kg / 26.45 lbs								
<b>Dimensions</b>	L: 405 mm W: 480 mm H: 180 mm L: 15.94 in W: 18.89 in H: 7.08 in								
<b>Safety &amp; EMC Regulations</b>	UL/cUL, CB, CCC, FCC Class B, FDA, CE, UKCA, BSMI IEC 60825-1:2007 3R IEC 60825-1:2014 Class 1 IEC EN 62471-5 Risk Group 2 GB 7247.1-2012 RCM								
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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>	<a href="#">User Guides</a> <a href="#">User Guides (German)</a> <a href="#">User Guides (French)</a> <a href="#">Laser Risk Group Document</a> <a href="#">Control Protocol</a>



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