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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>

	<ul style="list-style-type: none"> <li>Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable</li> <li>Allows the projector to be placed up to 100m from the source with low cost cabling</li> <li>HDBaseT® includes audio, Ethernet 100BaseT and RS232/IR control</li> </ul> <p><b>Colour Processing</b></p> <ul style="list-style-type: none"> <li>6 Segment (WGYWGY) Phosphor wheel</li> <li>8 Segment (BGYRBYR) Colour wheel</li> <li>10-bit colour display (30 bits per pixel : 1,073,441,824 colours)</li> <li>Powerful seven point colour correction for accurate colour matching</li> </ul>																																																												
<b>Source Compatibility</b>	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.																																																												
<b>Inputs/Outputs</b>	<table border="1"> <thead> <tr> <th colspan="3">Video &amp; Computer</th> <th colspan="3">Communication &amp; Control</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>HDMI 2.1</td> <td>HDMI</td> <td>2</td> <td rowspan="5">LAN</td> <td rowspan="5">RJ45</td> <td rowspan="5">1</td> </tr> <tr> <td>VGA / Analog RGB</td> <td>15-pin D-Sub</td> <td>1</td> </tr> <tr> <td>HDBaseT</td> <td>RJ45</td> <td>1</td> </tr> <tr> <td>USB Type A / (5V/2A)</td> <td>Sub RJ45</td> <td>1</td> </tr> <tr> <td><b>NOTE: The USB is to power external interfaces.</b></td> <td>USB Type A</td> <td>1</td> </tr> <tr> <td><b>Audio:</b></td> <td></td> <td></td> <td>RS-232C</td> <td>9-pin D-sub</td> <td>1</td> </tr> <tr> <td>Audio IN L+R</td> <td>3.5 mm jack</td> <td>1</td> <td>USB (for Service) 3D</td> <td>Mini B</td> <td>1</td> </tr> <tr> <td>Audio OUT (variable)</td> <td>3.5 mm jack</td> <td>1</td> <td>Sync Out</td> <td>VESA 3-PIN mini</td> <td>1</td> </tr> <tr> <td>Speaker</td> <td>10W speaker</td> <td>1</td> <td>12V Trigger</td> <td>DIN</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td><b>NOTE: The HDBaseT and LAN ports are separate.</b></td> <td>3.5mm jack</td> <td></td> </tr> </tbody> </table>	Video & Computer			Communication & Control			Type	Connector	Qty	Type	Connector	Qty	HDMI 2.1	HDMI	2	LAN	RJ45	1	VGA / Analog RGB	15-pin D-Sub	1	HDBaseT	RJ45	1	USB Type A / (5V/2A)	Sub RJ45	1	<b>NOTE: The USB is to power external interfaces.</b>	USB Type A	1	<b>Audio:</b>			RS-232C	9-pin D-sub	1	Audio IN L+R	3.5 mm jack	1	USB (for Service) 3D	Mini B	1	Audio OUT (variable)	3.5 mm jack	1	Sync Out	VESA 3-PIN mini	1	Speaker	10W speaker	1	12V Trigger	DIN	1				<b>NOTE: The HDBaseT and LAN ports are separate.</b>	3.5mm jack	
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<b>Remote Control</b>	IR remote control, 2 x IR receivers																																																												
<b>Automation Control</b>	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										
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<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>											
<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 Operating:</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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<p><i>*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.</i></p>											
<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="#">Laser Risk Group Document</a> <a href="#">Control Protocol</a>
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**Delta Associate Company**

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 ISO 9001