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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:

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

	<ul style="list-style-type: none"> 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 <p>Colour Processing</p> <ul style="list-style-type: none"> 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	<table border="1"> <thead> <tr> <th colspan="3">Video & Computer</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>HDMI 2.1</td> <td>HDMI</td> <td>2</td> </tr> <tr> <td>VGA / Analog RGB HDBaseT</td> <td>15-pin D-Sub RJ45</td> <td>1</td> </tr> <tr> <td>USB Type A / (5V/2A)</td> <td>USB Type A</td> <td>1</td> </tr> <tr> <td>NOTE: The USB is to power external interfaces.</td> <td></td> <td>1</td> </tr> <tr> <td>Audio:</td> <td></td> <td></td> </tr> <tr> <td>Audio IN L+R</td> <td>3.5 mm jack</td> <td>1</td> </tr> <tr> <td>Audio OUT (variable)</td> <td>3.5 mm jack</td> <td>1</td> </tr> <tr> <td>Speaker</td> <td>10W speaker</td> <td>1</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3">Communication & Control</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>LAN</td> <td>RJ45</td> <td>1</td> </tr> <tr> <td>RS-232C</td> <td>9-pin D-sub</td> <td>1</td> </tr> <tr> <td>USB (for Service) 3D Sync</td> <td>Mini B</td> <td>1</td> </tr> <tr> <td>Out</td> <td>VESA 3-PIN mini DIN</td> <td>1</td> </tr> <tr> <td>12V Trigger</td> <td>3.5mm jack</td> <td>1</td> </tr> <tr> <td>NOTE: The HDBaseT and LAN ports are separate.</td> <td></td> <td></td> </tr> </tbody> </table>	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	NOTE: The USB is to power external interfaces.		1	Audio:			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	NOTE: The HDBaseT and LAN ports are separate.		
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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)								
Colour Temperature	Warm / Normal / Cold								
Operation									
illumination Type	Laser Light Source								
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>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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Lens Mount	Manual vertical and horizontal shift, with manual focus and zoom								
Mechanical Mounting	Front/Rear Front/Rear Ceiling Two adjustable front feet Ceiling Mount compatible chassis with 4 off M4 mounting holes								
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	Normal Mode (100%): 538W@240VAC, 570W@100VAC								
Thermal Dissipation	Normal Mode (typical): 1945 BTU/Hour @ 100VAC 1836 BTU/Hour @ 240VAC								
Fan Noise	Normal Mode (Typical): 35 dBA / Max: 37 dBA								
Operating/Storage Temperature:	Operating: 0° to 40°C (32°F to 104°F) Storage: -10° to 60°C (14°F to 140°F)								
Operating Humidity	10% to 85% non-condensing								
Weight	12 kg / 26.45 lbs								
Dimensions	L: 405 mm W: 480 mm H: 180 mm L: 15.94 in W: 18.89 in H: 7.08 in								
Safety & EMC Regulations	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.*

Downloads	PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings
User Guide	User Guides User Guides (German) User Guides (French) Laser Risk Group Document Control Protocol



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