

## E-Vision 4000 4K-UHD (Preliminary)

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

### E-VISION 4000 4K-UHD DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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**Colour System:**

Laser Phosphor

**DMD Specification:**

3840 x 2160

**Aspect Ratio:**

16x9

**Display Type:**

1 x 0.47" DarkChip 3™ DMD™

**Fill Factor**

## Key Features

- 4K-UHD
- Lens included 1.13 - 1.7:1
- Compact quiet projector, ideal for residential applications

### Video & Graphics Processing

- 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

### Geometry Correction

- Vertical Keystone correction adjustment
- Selectable 16:9, 4:3, Letterbox and Full Screen aspect ratios

- Digital Zoom +10 ~ -10

### 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 audio, Ethernet 100BaseT and RS232/IR control

### Colour Processing

- 6 Segment (WGYWGY) Phosphor wheel
- 8 Segment (BGYRBGYR) 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                                       |              |     | Communication & Control                                                                                                                                                                           |                     |     |
|--------------------------------------------------------|--------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----|
| Type                                                   | Connector    | Qty | Type                                                                                                                                                                                              | Connector           | Qty |
| HDMI 2.1                                               | HDMI         | 2   | LAN                                                                                                                                                                                               | RJ45                | 1   |
| VGA / Analog RGB                                       | 15-pin D-Sub | 1   | RS-232C                                                                                                                                                                                           | 9-pin D-sub         | 1   |
| HDBaseT                                                | RJ45         | 1   | USB (for Service)                                                                                                                                                                                 | Mini B              | 1   |
| USB Type A / (5V/2A)                                   | USB Type A   | 1   | Sync Out                                                                                                                                                                                          | VESA 3-PIN mini DIN | 1   |
| <b>NOTE: The USB is to power external interfaces.</b>  |              |     | 12V Trigger                                                                                                                                                                                       | 3.5mm jack          | 1   |
| <b>Audio:</b>                                          |              |     | <b>NOTE: The HDBaseT and LAN ports are seperate.</b>                                                                                                                                              |                     |     |
| Audio IN L+R                                           | 3.5 mm jack  | 1   |                                                                                                                                                                                                   |                     |     |
| Audio OUT (variable)                                   | 3.5 mm jack  | 1   |                                                                                                                                                                                                   |                     |     |
| Speaker                                                | 10W speaker  | 1   |                                                                                                                                                                                                   |                     |     |
| 3D Formats Supported                                   |              |     | HDTV Formats Supported                                                                                                                                                                            |                     |     |
| Frame Packing<br>Side By Side (half)<br>Top and Bottom |              |     | 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz) 1080i (50Hz, 60Hz) 720p (50Hz, 60Hz)                                                                                                                         |                     |     |
| Computer Compatibility                                 |              |     | Bandwidth                                                                                                                                                                                         |                     |     |
| VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz          |              |     |                                                                                                                                                                                                   |                     |     |
| Remote Control                                         |              |     | Automation Control                                                                                                                                                                                |                     |     |
| IR remote control, 2 x IR receivers                    |              |     | LAN control - Crestron RoomView® Connected<br>LAN control - Crestron eControl<br>LAN control - Extron<br>LAN control to RS232 by Telnet<br>HDBaseT communication<br>Projector status email alerts |                     |     |
| Colour Temperature                                     |              |     | Operation                                                                                                                                                                                         |                     |     |
| Warm / Normal / Cold                                   |              |     |                                                                                                                |                     |     |
| Illumination Type                                      |              |     | Typical illumination Life                                                                                                                                                                         |                     |     |
| Laser Light Source                                     |              |     | 20,000 hours                                                                                                                                                                                      |                     |     |

## Lenses

| Lens         | Part No. | Optimised Focus Range* | Lens Shift                                                  |
|--------------|----------|------------------------|-------------------------------------------------------------|
| 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 |

\* 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

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 (Chassis Only)

12 kg  
26.45 lb

### 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

## Accessories

| Accessory                     | Part No. |
|-------------------------------|----------|
| Infrared Remote (replacement) | 122-755  |

*\*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](#)



Certificate Number 13629  
ISO 9001



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