

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

E-VISION 4000 4K-UHD
DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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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

- 4K-UHD
- Lens included 1.27 (Wide) - 1.7:1 (Tele)
- 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	USB Type A	1	USB (for Service) 3D	Mini B	1
USB Type A / (5V/2A)		1	Sync Out	VESA 3-PIN mini DIN	1
NOTE: The USB is to power external interfaces.			12V Trigger	3.5mm jack	1
Audio:			NOTE: The HDBaseT and LAN ports are separate.		
Audio IN L+R	3.5 mm jack	1	HDTV Formats Supported		
Audio OUT (variable)	3.5 mm jack	1	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz) 1080i (50Hz, 60Hz) 720p (50Hz, 60Hz)		
Speaker	10W speaker	1	Bandwidth		
3D Formats Supported			Automation Control		
Frame Packing			LAN control - Crestron RoomView® Connected		
Side By Side (half)			LAN control - Crestron eControl		
Top and Bottom			LAN control - Extron		
Computer Compatibility			LAN control to RS232 by Telnet		
VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz			HDBaseT communication		
Remote Control			Projector status email alerts		
IR remote control, 2 x IR receivers			PJ Link (Class1)		
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

Power Requirements

100-240VAC 50/60Hz single phase

Thermal Dissipation

Normal Mode (typical):
1945 BTU/Hour @ 100VAC
1836 BTU/Hour @ 240VAC

Operating/Storage Temperature

Operating: 0° to 40°C (32°F to 104°F)
Storage: -10° to 60°C (14°F to 140°F)

Weight (Chassis Only)

12 kg
26.45 lb

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

Infrared Remote (replacement)

Orientation

Table Top or Inverted: Yes

Pointing Up: Yes

Pointing Down: Yes

Roll (Portrait): Yes

Power Consumption

Normal Mode (100%): 538W@240VAC, 570W@100VAC

Fan Noise

Normal Mode (Typical): 35 dBA / Max: 37 dBA

Operating Humidity

10% to 85% non-condensing

Dimensions

L: 405 mm W: 480 mm H: 180 mm
L: 15.94 in W: 18.89 in H: 7.08 in

Part No.

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](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Laser Risk Group Document](#)

[STEP / IGS Drawings](#)

[Control Protocol](#)



Certificate Number 13629
ISO 9001



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