

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

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

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 1.27 (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 (BGYRBYR) 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			
Audio OUT (variable)	3.5 mm jack	1			
Speaker	10W speaker	1			
3D Formats Supported			HDTV Formats Supported		
Frame Packing			1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)		
Side By Side (half)			1080i (50Hz, 60Hz)		
Top and Bottom			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		
			LAN control - Crestron eControl		
			LAN control - Extron		
			LAN control to RS232 by Telnet		
			HDBaseT communication		
			Projector status email alerts		
			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

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](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Laser Risk Group Document](#)

[STEP / IGS Drawings](#)

[Control Protocol](#)



Certificate Number 13629
ISO 9001



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