DIGITAL PROJECTION

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:	**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	*(see tables below)*

Video & Computer

Type	Connector	Qty
HDMI 2.1 VGA / Analog RGB HDBaseT USB Type A / (5V/2A) **NOTE: The USB is to power external interfaces.** **Audio:** Audio IN L+R Audio OUT (variable) Speaker	HDMI 15-pin D-Sub RJ45 USB Type A 3.5 mm jack 3.5 mm jack 10W speaker	2 1 1 1 1 1 1

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Communication & Control

Type	Connector	Qty
LAN RS-232C USB (for Service) 3D Sync Out 12V Trigger **NOTE: The HDBaseT and LAN ports are seperate.**	RJ45 9-pin D-sub Mini B VESA 3-PIN mini DIN 3.5mm jack	1 1 1 1 1

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

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

* 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:	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

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
User Guide	User Guides User Guides (German) User Guides (French) Laser Risk Group Document Control Protocol

DIGITAL PROJECTION

ISOQAR REGISTERED · UKAS MANAGEMENT SYSTEMS 0026

Certificate Number 13629
ISO 9001

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