

E-Vision Laser 4K Black (Preliminary)

7,000 ANSI / 7,500 ISO ANSI Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) 1,000:1 native | Part No:118-150

E-VISION LASER 4K DIGITAL PROJECTOR



THE VISIONARIES CHOICE

Colour System:

Laser Phosphor

DMD Specification:

Fast transit pixels for smooth greyscale and improved contrast.

Aspect Ratio:**Display Type:**

1 x 0.67" WQXGA+ TRP UHD DMD™

16:9

Fill Factor

Key Features

Video & Graphics Processing

- HDMI 2.0.
- HDMI 1.4b for Frame Sequential and Dual Pipe 3D.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources
- Dual Pipe Processing: Two sources in parallel for Left and Right Eyes via the HDMI 1.4b inputs.
- Synchronisation of active glasses.
- 3GSDI with loop-through.
- DICOM Simulation Mode.

Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens.

Edge Blending

- Correction for non-active pixels at the edge of the display.

Picture in Picture

- Two sources can be displayed either one within the other (PIP), or side by side, with original aspect ratios maintained.

HDBaseT® Interface

- Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows projector to be placed up to 100m from source with low cost cabling.

Colour Processing

- Powerful seven point colour correction for accurate colour matching.

Projector Controller Software

- Intuitive user interface for network control
- Simultaneous control of user-defined groups of projectors
- At-a-glance monitoring of projector status

Projector Automation

- Real-time clock provides daily on/off automation.

Source Compatibility:

3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.

HDMI including Deep Color™ processing.

Graphics standards up to 3840 x 2160 resolution at 60Hz via HDMI, DisplayPort and HDBaseT.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	1	3D Sync Out	BNC	1
HDMI 2.0	HDMI	2	3D Sync In	BNC	1
HDMI 1.4b	HDMI	2	LAN	RJ45	2
3G-SDI in	BNC	1	RS232	9-pin D Sub	1
3G-SDI out	BNC	1	Wired Remote	3.5mm Stereo	1
HDBaseT (see LAN)	RJ45	1	12V Trigger	Jack	2
			3D Sync IR Out	3.5mm Stereo	1
				Jack	
				BNC	

NOTE: One of the LAN ports is shared with HDBase-T.

3D Formats Supported

Dual Pipe
Frame Sequential

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz), 2K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 4K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)

Computer Compatibility

Up to 3840 x 2160 @ 60 Hz

Bandwidth

594 Megapixels per second on HDMI 2.0 and DisplayPort 1.2

Remote Control

Addressable IR remote control, wireless and wired.
On-Board keypad

Automation Control

Crestron RoomView® Connected
PJLink
LAN
RS232
AMX (Device Discovery)

Colour Temperature

User selectable from 3200 to 9300K

Lamp Type

Laser Light Source

Typical Lamp Life

20,000 hours

Lenses

Lens	Part No.	Focus Range	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	none
0.76 :1 fixed	112-499	0.81m - 5.08m	none
0.75 - 0.93 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.25 - 1.79 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.72 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.22 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.31 - 8.26 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame

Lens Mount

Motorised and programmable shift, zoom and focus.

Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).

Mechanical Mounting

Orientation

Front/Rear Table
Front/Rear Ceiling
Adjustable Front/Rear Feet

Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): Yes

Power Requirements

100-240VAC 50/60Hz single phase

Power Consumption

950 W @220 Vac (1000 W @110 Vac)W

Thermal Dissipation

3240 BTU @240 Vac (3412 BTU @110 Vac) BTU/Hour

Fan Noise

40 dBA TBD

Operating/Storage Temperature

Operating: 5 to 40C (41 to 104F)
Storage: -10 to 60C (14 to 140F)

Operating Humidity

10 to 85% non-condensing

Weight (Chassis Only)

TBD kg
TBD lb

Dimensions

L: 58.0 cm W: 50.0 cm H: 21.1 cm
L: 22.8 in W: 19.7 in H: 8.3 in

Safety & EMC Regulations

CE, FCC Class A, CCC, UL/cUL, FDA CB, KC, EAC,
CEL, CECP

Accessories

Accessory

Infrared Remote (replacement)

Part No.

117-780

**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](#)

[User Guides German](#)

[User Guides French](#)

[Important Information](#)



Certificate Number 13629
ISO 9001

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