

## E-Vision Laser 10K

9,500 ANSI / 10,500 ISO Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) 1,000:1 native | Part No:118-060

### E-VISION LASER 10K DIGITAL PROJECTOR



THE VISIONARIES CHOICE

**Colour System:**

Laser Phosphor + 4-segment (RGBW) colour wheel for high brightness

**DMD Specification:**

1920 x 1200 pixels native.  
Fast transit pixels for smooth greyscale and improved contrast.

**Display Type:**

1 x 0.67" DarkChip™ DMD™

**Aspect Ratio:**

16x10

**Fill Factor**

87%

## Key Features

## Video & Graphics Processing

- HDMI 1.4b for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats.
- 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.
- Synchronisation of active glasses.
- 3GSDI with loop-through.
- 24p and 1080p native display.
- 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

- For independent edge and blend width adjustment.

## 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 reception 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.

## 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.

## Projector Maintenance Features

- Sealed optics.
- Long life 20,000 hour illumination.

## Source Compatibility:

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

HDMI including Deep Color™ processing.

Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI, DisplayPort or VGA.

Component Video (SD and HD) via RGBHV.

## Inputs/Outputs

| Video & Computer  |              |     | Communication & Control |                     |     |
|-------------------|--------------|-----|-------------------------|---------------------|-----|
| Type              | Connector    | Qty | Type                    | Connector           | Qty |
| DVI-D 1.0         | DVI          | 1   | 3D Sync Out             | BNC                 | 1   |
| DisplayPort 1.1a  | DisplayPort  | 1   | 3D Sync In              | BNC                 | 1   |
| HDMI 1.4b         | HDMI         | 2   | LAN                     | RJ45                | 1   |
| 3G-SDI in         | BNC          | 1   | RS232                   | 9-pin D-Sub         | 1   |
| 3G-SDI out        | BNC          | 1   | Wired Remote            | 3.5mm Stereo Jack 1 | 1   |
| VGA / Analog RGB  | 15-pin D-Sub | 1   | 12V Trigger             | 3.5mm Stereo Jack 2 | 2   |
| VGA Monitor out   | 15-pin D-Sub | 1   |                         |                     |     |
| Component Video   | 5 x BNC      | 1   |                         |                     |     |
| HDBaseT (see LAN) | LAN RJ45     | 1   |                         |                     |     |

**NOTE: The LAN port is shared with HDBase-T.**

## 3D Formats Supported

Frame Packing  
Dual Pipe  
Frame Sequential  
Side By Side (half)  
Top and Bottom

## HDTV Formats Supported

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

## Computer Compatibility

Up to 1920 x 1200

## Bandwidth

165 MHz on analog RGB  
165 Megapixels per second on HDMI

| Remote Control | Automation Control |
|----------------|--------------------|
|----------------|--------------------|

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

Crestron RoomView® Connected  
PJLink Class 1  
LAN  
RS-232  
AMX (Device Discovery)  
Served web page

| Colour Temperature |
|--------------------|
|--------------------|

3200 to 9300K

| Lamp Type | Typical Lamp Life |
|-----------|-------------------|
|-----------|-------------------|

Laser Light Source

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 |
| 1.73 - 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 | Power Consumption |
|--------------------|-------------------|
|--------------------|-------------------|

100-240VAC 50/60Hz single phase

Typical 1215W @ 240VAC in Normal mode  
Typical 960W @ 240VAC in ECO mode  
Typical 1270W @ 110VAC in Normal mode  
Typical 1000W @ 110VAC in ECO modeW

| Thermal Dissipation | Fan Noise |
|---------------------|-----------|
|---------------------|-----------|

Typical 4146 BTU/Hour @ 240VAC in Normal mode  
Typical 3276 BTU/Hour @ 240VAC in ECO mode  
Typical 4334 BTU/Hour @ 110VAC in Normal mode  
Typical 3412 BTU/Hour @ 110VAC in ECO mode  
BTU/Hour

Normal mode: 42 dBA Typical  
Eco mode: 39 dBA Typical

| Operating/Storage Temperature | Operating Humidity |
|-------------------------------|--------------------|
|-------------------------------|--------------------|

Operating: 0 to 40C (32 to 104F)  
Operating: 40 to 45C (104 to 113F) w/ reduced light output  
Storage: -20 to 60C (-4 to 140F)

10 to 90% relative, non-condensing

| Weight (Chassis Only) | Dimensions |
|-----------------------|------------|
|-----------------------|------------|

28 kg  
62 lb

L: 58.0 cm W: 50.0 cm H: 21.6 cm  
L: 22.8 in W: 19.7 in H: 8.5 in

| Safety & EMC Regulations |
|--------------------------|
|--------------------------|

CB, CE, FCC Class 1, UL/cUL, CCC, RoHS 2  
IEC EN 60825-1 Class 3R Laser Product,  
IEC EN 62471-5 Risk Group 2

*\*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](#)

[Important Information](#)

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