

E-Vision Laser 6500 WUXGA

6,500 Lumens | Contrast Ratio: 5,000:1 (dynamic) | Part Number: 117-554

E-VISION LASER 6500 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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Colour System:

Laser Phosphor

DMD Specification:

1920 x 1200 pixels native display.
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 1.4 for Side by Side, Frame Packing & Top Bottom 3D Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- Synchronisation of active glasses.
- 24p and 1080p native display.
- Sealed light engine
- DICOM Simulation Mode.

Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone.

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.

Source Compatibility:

HDMI including Deep Color™ processing.
Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI, DVI-D, HDBaseT or VGA
Component Video (SD and HD) via RGBHV.

Inputs/Outputs

| Video & Computer | | | Communication & Control | | |
|-------------------|--------------|-----|-------------------------|-------------------|-----|
| Type | Connector | Qty | Type | Connector | Qty |
| HDMI 1.4b | HDMI | 2 | 3D Sync Out | Mini DIN | 1 |
| DVI-D | DVI | 1 | 3D Sync In | Mini DIN | 1 |
| VGA / Analog RGB | 15-pin D-Sub | 1 | LAN | RJ45 | 1 |
| Component Video | 5 x BNC | 5 | Serial In (RS232) | 9-pin D-Sub | 1 |
| HDBaseT | RJ45 | 1 | Serial Out (RS232) | 9-pin D-Sub | 1 |
| Video Out: VGA | 15-pin D-Sub | 1 | Wired Remote In | 3.5mm Stereo Jack | 1 |
| Audio In: Stereo | RCA | 2 | Wired Remote Out | 3.5mm Stereo Jack | 1 |
| Audio In: Stereo | 3.5mm Jack | 1 | 12V Trigger | 3.5mm Stereo Jack | 1 |
| Audio Out: Stereo | RCA | 2 | USB (power only) | USB Type A | 1 |
| | | | USB (Service) | USB Type B | 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 (50, 60Hz)

Computer Compatibility

Up to 1920 x 1200

Bandwidth

165 MHz on analog RGB
165 Megapixels per second on HDMI

Remote Control

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

Automation Control

Crestron RoomView® Connected
PJLink - AMX SSDP
LAN
RS232 - AMX SSDP

Colour Temperature

User selectable from 5000 to 9300K

Operation



Illumination Type

Laser Light Source

Typical Illumination Life

20,000 hours

Lenses

| Lens | Part No. | Optimised Focus Range* | Lens Shift |
|--|----------|------------------------|---|
| 0.77: 1 fixed | 114-785 | 0.4m - 3.1m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 0.77 - 1.1: 1 zoom (special order - call for info) | 119-001 | 0.67m - 12.1m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 1.1 - 1.3: 1 zoom | 116-207 | 1m - 9m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 1.25-1.6 zoom (special order - call for info) | 119-430 | 1.356m - 8.078m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 1.54 - 1.93: 1 zoom | 114-783 | 0.95m - 11.9m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 1.93 - 2.91: 1 zoom | 114-784 | 1.2m - 29.8m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame |
| 3.0 - 5.0: 1 zoom | 116-208 | 3m - 20m | Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (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 shift, zoom & focus.

Mechanical Mounting

Front/Rear Table

Orientation

Table Top or Inverted: Yes

Front/Rear Ceiling
Adjustable Front/Rear Feet

Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): Yes

Power Requirements

100-240VAC 50/60Hz single phase

Power Consumption

650

Thermal Dissipation

2218

Fan Noise

33 dBA

Operating/Storage Temperature

Operating: 0 to 40C (32 to 104F)
Storage: -20 to 60C (-4 to 140F)

Operating Humidity

10 to 85% non-condensing

Weight (Chassis Only)

25 kg
55.1 lb

Dimensions

L: 53.4 cm W: 47 cm H: 22.6 cm
L: 20.6 in W: 18.5 in H: 8.9 in

Safety & EMC Regulations

CE, FCC Class A, UL, CCC, CB, RoHS

Accessories

Accessory

Infrared Remote (replacement)

Part No.

117-880

**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 \(Korean\)](#)

[STEP / IGS Drawings](#)

[Laser Risk Group Document](#)

[Lens CAD Drawings](#)

[Important Information](#)

[Important Information \(Korean\)](#)



Certificate Number 13629
ISO 9001

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