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Specification Sheet

E-Vision Laser 6500 II WUXGA

6,500 Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-061

E-VISION LASER 6500 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

6,500 Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-061

Colour System:

Laser Phosphor / 4 Segment (RGBY)
Colourwheel / 2x120Hz

Display Type:

1 x 0.67" DarkChip™ DMD™

DMD Specification:

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

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.

- Projector Control via HDBaseT.

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

Computer Compatibility

Up to 1920 x 1200

Remote Control

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

Colour Temperature

illumination Type

Laser Light Source

Lenses

Lens

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

HDTV Formats Supported

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

Bandwidth

165 MHz on analog RGB
 165 Megapixels per second on HDMI

Automation Control

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

Operation



Typical illumination Life

20,000 hours

Manual shift, zoom & focus.

Mechanical Mounting

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

Power Requirements

100-240VAC 50/60Hz single phase

Thermal Dissipation

2218 BTU/Hour

Operating/Storage Temperature

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

Weight (Chassis Only)

25 kg
55.1 lb

Safety & EMC Regulations

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

Accessories

Accessory

Part No.

Orientation

Table Top or Inverted: Yes

Pointing Up: Yes

Pointing Down: Yes

Roll (Portrait): Yes

Power Consumption

650W

Fan Noise

Max 37 dBA Typical 35dBA

Operating Humidity

10 to 85% non-condensing

Dimensions

L: 53.4 cm W: 47 cm H: 22.6 cm

L: 20.6 in W: 18.5 in H: 8.9 in

**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](#)

[Important Information](#)

[Lens CAD Drawings](#)



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ISO 9001

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