

E-VISION LASER 6500 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

6,500 Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-600

Colour System:

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

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.
- 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

Type	Connector	Qty
HDMI 1.4b	HDMI	2
DVI-D	DVI	1
VGA / Analog RGB	15-pin D-Sub	1
Component Video	5 x BNC	5
HDBaseT	RJ45	1
Video Out: VGA	15-pin D-Sub	1
Audio In: Stereo	RCA	2
Audio In: Stereo	3.5mm Jack	1
Audio Out: Stereo	RCA	2

Communication & Control

Type	Connector	Qty
3D Sync Out	Mini DIN	1
3D Sync In	Mini DIN	1
LAN	RJ45	1
Serial In (RS232)	9-pin D-Sub	1
Serial Out (RS232)	9-pin D-Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	1
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
PLink - AMX SSDP
LAN
RS232 - AMX SSDP

Colour Temperature

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
Front/Rear Ceiling
Adjustable Front/Rear Feet

Orientation

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

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	650
Thermal Dissipation	Fan Noise
2218	Max 37 dBA Typical 35dBA
Operating/Storage Temperature	Operating Humidity
Operating: 0 to 40C (32 to 104F) Storage: -20 to 60C (-4 to 140F)	10 to 85% non-condensing
Weight (Chassis Only)	Dimensions
25 kg 55.1 lb	L: 52.5 cm W: 47 cm H: 22.05 cm L: 20.66 in W: 18.5 in H: 8.68 in
Safety & EMC Regulations	
CE, BIS, FCC Class A, UL, CCC, CB, RoHS	

Accessories	
Accessory	Part No.
Infrared Remote (replacement)	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](#)
- [AUTOCAD Drawings](#)
- [STEP / IGS Drawings](#)
- [Lens CAD Drawings](#)
- [User Guides](#)
- [Laser Risk Group Document](#)
- [Important Information](#)
- [Control Protocol](#)



Certificate Number 13629
ISO 9001

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