E-Vision Laser 6500 II WUXGA

6,500 Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part No:120-600

**E-VISION LASER 6500**
**DIGITAL PROJECTOR**

**THE VISIONARIES CHOICE**

<table>
<thead>
<tr>
<th>Colour System:</th>
<th>DMD Specification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Phosphor / 4 Segment (RGBY) Colourwheel / 2x120Hz</td>
<td>1920 x 1200 pixels native display, Fast transit pixels for smooth greyscale and improved contrast.</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Type &amp; Computer</th>
<th>Type</th>
<th>Connector</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI 1.4b</td>
<td>Type</td>
<td>HDMI</td>
<td>2</td>
</tr>
<tr>
<td>DVI-D</td>
<td></td>
<td>DVI</td>
<td>1</td>
</tr>
<tr>
<td>VGA / Analog RGB</td>
<td>15-pin D-Sub</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Component Video</td>
<td>5 x BNC</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>HDBaseT</td>
<td>RJ45</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Video Out: VGA</td>
<td>15-pin D-Sub</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Audio In: Stereo</td>
<td>RCA</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Audio In: Stereo</td>
<td>3.5mm Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Audio Out: Stereo</td>
<td>RCA</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communication &amp; Control</th>
<th>Type</th>
<th>Connector</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>3D Sync Out</td>
<td>Mini DIN</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>3D Sync In</td>
<td>Mini DIN</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>LAN</td>
<td>RJ45</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Serial In (RS232)</td>
<td>9-pin D-Sub</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Serial Out (RS232)</td>
<td>9-pin D-Sub</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Wired Remote In</td>
<td>3.5mm Stereo Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Wired Remote Out</td>
<td>3.5mm Stereo Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>12V Trigger</td>
<td>3.5mm Stereo Jack</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>USB (power only)</td>
<td>USB Type A</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>USB (Service)</td>
<td>USB Type B</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
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

Lamp Type
- Laser Light Source
- Typical Lamp Life: 20,000 hours

Lenses

<table>
<thead>
<tr>
<th>Lens</th>
<th>Part No.</th>
<th>Focus Range</th>
<th>Lens Shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.77: 1 fixed</td>
<td>114-785</td>
<td>0.4m - 3.1m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>0.77 - 1.1: 1 zoom (special order - call for info)</td>
<td>119-001</td>
<td>0.67m - 12.1m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.1 - 1.3: 1 zoom</td>
<td>116-207</td>
<td>1.1m - 9m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.25 - 1.6: 1 zoom (special order - call for info)</td>
<td>119-430</td>
<td>1.346m - 8.078m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.54 - 1.93: 1 zoom</td>
<td>114-783</td>
<td>0.95m - 11.9m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>1.93 - 2.91: 1 zoom</td>
<td>114-784</td>
<td>1.2m - 29.8m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
<tr>
<td>3.0 - 5.0: 1 zoom</td>
<td>116-208</td>
<td>3m - 20m</td>
<td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td>
</tr>
</tbody>
</table>

* 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
- 100-240VAC 50/60Hz single phase
- Power Consumption: 650W

Thermal Dissipation
- Fan Noise
- Thermal Dissipation: 2218 BTU/Hour
- Max 37 dBA Typical 35dBA

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
- 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
- *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