E-Vision 6500 WXGA

7,000 ANSI Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:114-743

Colour System:

<table>
<thead>
<tr>
<th>DMD Specification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1280 x 800 pixels native.</td>
</tr>
<tr>
<td>Fast transit pixels for smooth greyscale and improved contrast.</td>
</tr>
</tbody>
</table>

6 Segment RGBCMY Colour Wheel for optimised colourimetry - user swappable.

Display Type:

<table>
<thead>
<tr>
<th>Fill Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>87%</td>
</tr>
</tbody>
</table>

Display Type: 1 x 0.65" DarkChip™ DMD™

Key Features

Video & Graphics Processing

- BrilliantColor™ for increased system brightness.
- DynamicBlack™ for improved black levels in dark scenes.
- Frame sequential 3D support at up to 120Hz with support for DLP® Link™ glasses synchronisation only.
- Independent control of hue, saturation and gain for primary and secondary colours.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- Image enhancement for MPEG, Mosquito noise & Colour Transients in composite sources.

Geometry Correction

- Vertical keystone correction.

Source Compatibility:

Graphics standards up to 1600 x 1200 resolution at 60Hz via DVI or VGA.
DVI single link with HDCP compliance.
Component Video (SD and HD) via YPbPr, RGB or RGBS.
S-Video (PAL, NTSC & SECAM)
Composite Video (PAL, NTSC & SECAM)
<table>
<thead>
<tr>
<th>Video &amp; Computer</th>
<th>Communication &amp; Control</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Connector</strong></td>
</tr>
<tr>
<td>DVI-D - Single Link DVI</td>
<td>DVI</td>
</tr>
<tr>
<td>VGA / Analog RGB In</td>
<td>15-pin D-Sub</td>
</tr>
<tr>
<td>VGA / Analog RGB Out</td>
<td>15-pin D-Sub</td>
</tr>
<tr>
<td>Component Video</td>
<td>3 x RCA</td>
</tr>
<tr>
<td>Component Video</td>
<td>5 x BNC</td>
</tr>
<tr>
<td>S-Video</td>
<td>4-pin Mini DIN</td>
</tr>
<tr>
<td>Composite Video</td>
<td>RCA</td>
</tr>
</tbody>
</table>

Audio
- DVI Audio In: 3.5mm Mini Jack, 1
- VGA Audio In: 3.5mm Mini Jack, 1
- VGA Audio Out: 3.5mm Mini Jack, 1
- Component Video Audio In: 2 x RCA Phono, 1
- RGBHV Audio In: 3.5mm Mini Jack, 1
- Shared S-Video/Composite Video Audio In: 2 x RCA Phono, 1

**3D Formats Supported**
- Frame Sequential: 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

**HDTV Formats Supported**
- 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)
- 1080i (50Hz, 60Hz)
- 720p (50, 60Hz)

**Computer Compatibility**
- Bandwidth: Up to 1600 x 1200
  - 165 MHz on analog RGB
  - 165 Megapixels per second on DVI

**Remote Control**
- Automation Control:
  - IR Remote Control
  - On-Board keypad
  - RS232
  - PJLink

**Colour Temperature**
- 6000K

**Lamp Type**
- 2 x 280W High Intensity Discharge

**Lens**
- Part No.
- Focus Range
- Lens Shift
- 0.8 :1 fixed: 112-499, 0.81m - 5.08m, none
- 0.78 - 0.99 :1 zoom: 115-339, 1.02m - 12.7m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame
- 1.31 - 1.88 :1 zoom: 112-500, 1.33m - 11.73m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame
- 1.8 - 2.38 :1 zoom: 112-501, 1.83m - 14.9m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame
- 2.32 - 3.89 :1 zoom: 112-502, 2.36m - 24.2m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame
- 3.74 - 5.67 :1 zoom: 112-503, 3.8m - 35.35m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame
- 5.53 - 8.74 :1 zoom: 112-504, 5.59m - 54.8m, Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame

**Lens Mount**
- Motorised shift, zoom and focus.

**Mechanical Mounting**
- Orientation:
  - Table Top or Inverted: Yes
  - Pointing Up: Yes
  - Pointing Down: Yes
  - Roll (Portrait): +/-10° from horizontal

**Power Requirements**
- Power Consumption: 715W
- 100-240VAC 50/60Hz single phase

**Thermal Dissipation**
- Fan Noise: 39 dBA, Eco 34dBA

- 2440 BTU/ Hour
<table>
<thead>
<tr>
<th>Operating/Storage Temperature</th>
<th>Operating Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating: 5 to 40°C (41 to 104°F) Storage: -10 to 60°C (14 to 140°F)</td>
<td>5% to 90% non-condensing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight (Chassis Only)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.5 kg</td>
<td>L: 55.3 cm W: 40.4cm H: 22 cm</td>
</tr>
<tr>
<td>45.2 lb</td>
<td>L: 21 in W: 15.9 in H: 8.7 in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Safety &amp; EMC Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE, CB, FCC Class A, UL, CCC</td>
</tr>
</tbody>
</table>

*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.

![Diagram of the device]

**Downloads**

- **PDF CAD Drawings**
- **AUTOCAD Drawings**
- **User Guides**
- **Important Information**

Specifications subject to change without notice. Digital Projection version: 1.3 - 20-Jun-13 ©2012 Digital Projection. DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc.