E-Vision 6000 WXGA

6,000 Lumens | Contrast Ratio: 2,400:1 (Dynamic Black) 1,000:1 native | Part No:113-311

**Colour System:**
- 4 Segment RGWB Colour Wheel for maximum brightness
- 6 Segment RGBCMY Colour Wheel for optimised colourimetry - user swappable

**DMD Specification:**
- 1280 x 800 pixels native.
- Fast transit pixels for smooth greyscale and improved contrast.
- **Aspect Ratio:**
  - 16x10

**Display Type:**
- 1 x 0.65" DarkChip™ DMD™

**Fill Factor:**
- 87%

**Key Features**

**Video & Graphics Processing**
- BrilliantColor™ for increased system brightness.
- DynamicBlack™ for improved black levels in dark scenes.
- 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 & horizontal 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 YPrPb, RGB or RGBS.
- S-Video (PAL, NTSC & SECAM)
- Composite Video (PAL, NTSC & SECAM)
## Inputs/Outputs

<table>
<thead>
<tr>
<th><strong>Video &amp; Computer</strong></th>
<th><strong>Communication &amp; Control</strong></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

<table>
<thead>
<tr>
<th><strong>Type</strong></th>
<th><strong>Connector</strong></th>
<th><strong>Qty</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>DVI Audio In</td>
<td>3.5mm Mini Jack</td>
<td>1</td>
</tr>
<tr>
<td>VGA Audio In</td>
<td>3.5mm Mini Jack</td>
<td>1</td>
</tr>
<tr>
<td>VGA Audio Out</td>
<td>3.5mm Mini Jack</td>
<td>1</td>
</tr>
<tr>
<td>Component Video Audio In</td>
<td>2 x RCA Phono</td>
<td>1</td>
</tr>
<tr>
<td>RGBHV Audio In</td>
<td>3.5mm Mini Jack</td>
<td>1</td>
</tr>
<tr>
<td>Shared S-Video/Composite Video Audio</td>
<td>2 x RCA Phono</td>
<td>1</td>
</tr>
</tbody>
</table>

## 3D Formats Supported

Not applicable

## 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

### Automation Control

IR Remote Control
On-Board keypad
RS232
PJLink

## Colour Temperature

User selectable from 5000 to 10500k

## Lamp Type

2 x 280W High Intensity Discharge

Full Power: 2000 hours (up to 4000 hours in lamp sequential mode)
Eco Mode : 3000 hours (up to 6000 hours in lamp sequential mode)

## Typical Lamp Life

Full Power: 2000 hours (up to 4000 hours in lamp sequential mode)
Eco Mode : 3000 hours (up to 6000 hours in lamp sequential mode)

## Lenses

<table>
<thead>
<tr>
<th><strong>Lens</strong></th>
<th><strong>Part No.</strong></th>
<th><strong>Focus Range</strong></th>
<th><strong>Lens Shift</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8 :1 fixed</td>
<td>112-499</td>
<td>0.81m - 5.08m</td>
<td>none</td>
</tr>
<tr>
<td>1.31 - 1.88 :1 zoom</td>
<td>112-500</td>
<td>1.33m - 11.73m</td>
<td>Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame</td>
</tr>
<tr>
<td>1.8 - 2.38 :1 zoom</td>
<td>112-501</td>
<td>1.83m - 14.9m</td>
<td>Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame</td>
</tr>
<tr>
<td>2.32 - 3.89 :1 zoom</td>
<td>112-502</td>
<td>2.36m - 24.2m</td>
<td>Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame</td>
</tr>
<tr>
<td>3.74 - 5.67 :1 zoom</td>
<td>112-503</td>
<td>3.8m - 35.35m</td>
<td>Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame</td>
</tr>
<tr>
<td>5.53 - 8.74 :1 zoom</td>
<td>112-504</td>
<td>5.59m - 54.8m</td>
<td>Vert: 0.5 (U) 0 (D) frame, Hor: 0.1(L) 0.1 (R) frame</td>
</tr>
</tbody>
</table>

### 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

100-240VAC 50/60Hz single phase
715W

## Thermal Dissipation

2440 BTU/Hour
39 dBA, Eco 34dBA

## Operating/Storage Temperature

### Operating Humidity
### Operating:
5 to 40°C (41 to 104°F)

### Storage:
-10 to 60°C (14 to 140°F)

### Weight (Chassis Only)
- 20.5 kg
- 45.2 lb

### Dimensions
- L: 50.5 cm W: 38.5 cm H: 20.8 cm
- L: 19.9 in W: 15.2 in H: 8.2 in

### Safety & EMC Regulations
- CE, FCC Class B, UL

### Downloads
- PDF CAD Drawings
- User Guides
- AUTOCAD Drawings
- Important Information

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