INSIGHT LASER 8K
IMAGING BY: ASTRO

THE VISIONARIES CHOICE

25,000 Lumens | Contrast Ratio: 2,000:1 Native | Part Number: 119-530

<table>
<thead>
<tr>
<th>Colour System:</th>
<th>DMD Specification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Phosphor</td>
<td>Displays 8K-UHD 7680x4320, 4096 x 2160 native</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Display Type:</th>
<th>Aspect Ratio:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 1.38&quot; DarkChip 3 DMD , +/- 12&quot; tilt angle</td>
<td>1.9:1</td>
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</tbody>
</table>

| Fill Factor | 87% |

Key Features

- High Performance High resolution projector
- Displays up to 8K-UHD 7680x4320 @ 60Hz
- Ultra high frame rate capability up to 240Hz at 4K resolution
- Smear reduction
- Low latency 2 frames
- Laser power dimming
- Input via DisplayPort or SDI
- Compact integrated chassis
- Long life light source
- Sealed light module

Video and Graphics Processing

- 4 x DisplayPort 1.2
- 4 x 12G-SDI
- 16 x 3G-SDI
- 10 bit processing
**Colour Processing**

- Powerful seven point colour correction for accurate colour matching.
- Selectable de-gamma curves
- Individual R,G,B lifts and gains

**Projector Controller Software**

- Intuitive user interface for network control.
- Simultaneous control of user-defined groups of projectors.
- At-a-glance monitoring of projector status.

**Projector Automation**

- Via LAN

**Source Compatibility:**

Graphics standards up to 7680x4320 resolution at 60Hz via DisplayPort or SDI.

**Inputs/Outputs**

<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>DisplayPort 1.2</td>
<td>DisplayPort</td>
</tr>
<tr>
<td>12G-SDI in</td>
<td>BNC</td>
</tr>
<tr>
<td>3G-SDI in</td>
<td>BNC</td>
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<td></td>
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</table>

**3D Formats Supported**

N/A

**HDTV Formats Supported**

1080p (24Hz, 60Hz)

**Computer Compatibility**

N/A

**Remote Control**

Addressable IR remote Control, Wireless and wired.
On-Board keypad.

**Operation**

RS232
LAN

**Colour Temperature**

3200K to 9300K

**Illumination Type**

Laser Light Source

**Typical Illumination Life**

20,000 hours

**Lenses**

<table>
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<tr>
<th>Lens</th>
<th>Part No.</th>
<th>Optimised Focus Range*</th>
<th>Lens Shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>7680 X 4320</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
1.21 - 1.83:1 zoom 115-627 2.5m - 100m Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.14 (R) frame
1.76 - 2.77:1 zoom 115-630 3.5m - 100m Vert: 0.45 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame
2.70 - 5.31:1 zoom 115-632 4.5m - 100m Vert: 0.42 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame

At Native 4K
1.13 - 1.72:1 115-627 2.5m - 100m Vert: 0.34 (U) 0.19 (D) frame, Hor: 0.08 (L) 0.10 (R) frame
1.65 - 2.60:1 115-630 3.5m - 100m Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (R) frame
2.53 - 4.98:1 115-632 4.5m - 100m Vert: 0.37 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (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**

Motorised shift, zoom and focus. Intelligent Lens Memory with user-definable preset positions.

**Mechanical Mounting**
- Front/Rear Table
- Front/Rear Ceiling
- Adjustable Front/Rear feet
- Built-in stacking points
- Eye-bolts for handling a single projector
- Optional mounting/grab rail

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

**Power Requirements**
- Power Consumption: 3800W @ 240VAC

**Thermal Dissipation**
- Fan Noise: 55dBA

**Operating/Storage Temperature**
- Operating: 0 to 35°C (32 to 95°F)
- Storage: -20 to 60°C (-4 to 140°F)

**Weight (Chassis Only)**
- 132 kg
- 291 lb

**Dimensions**
- L: 100.3 cm W: 72.2 cm H: 47.9 cm
- L: 39.5 inch W: 28.4 inch H: 18.9 inch

**Safety & EMC Regulations**
- UL / cUL, CB, CE, FCC Class A, IEC EN 60825-1 Class 3R
- Laser Product, IEC EN 62471-5 Risk Group 3, BSMI, FDA, CCC

**Accessories**

<table>
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<th>Accessory</th>
<th>Part No.</th>
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<tbody>
<tr>
<td>Replacement filter set</td>
<td>120/784</td>
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*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**

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<tr>
<th>Downloads</th>
<th>User Guides</th>
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<td>PDF CAD Drawings</td>
<td>User Guides</td>
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<tr>
<td>AUTOCAD Drawings</td>
<td>User Guides (Japanese)</td>
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<tr>
<td>STEP / IGS Drawings</td>
<td>Laser Risk Group Document</td>
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<tr>
<td>Lens CAD Drawings</td>
<td>Important Information</td>
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