INSIGHT LASER 8K

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>Type</td>
<td>Connector</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>
</tr>
</tbody>
</table>

3D Formats Supported
N/A

HDTV Formats Supported
1080p (24Hz, 60Hz)

Computer Compatibility
Up to 7680x4320

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

Colour Temperature
3200K to 9300K

Operation
24x7 OPERATION

Illumination Type
Laser Light Source

Typical Illumination Life
20,000 hours

Lenses

<table>
<thead>
<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>
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</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**
- 220-240VAC 50/60Hz single phase Power connector: 30A Hubbel
- 12965 BTU/Hour @ 240VAC
- 3800W @ 240VAC

**Thermal Dissipation**
- 12965 BTU/Hour @ 240VAC
- 12965 BTU/Min @ 240VAC

**Fan Noise**
- 55dBA

**Operating/Storage Temperature**
- Operating: 0 to 35C (32 to 95F)
- Storage: -20 to 60C (-4 to 140F)
- 10 to 90% non-condensing

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

**Dimensions**
- L: 100.3cm W: 72.2cm H: 47.9cm
- 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>
<thead>
<tr>
<th>Accessory</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement filter set</td>
<td>120/784</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.

**Downloads**

- PDF CAD Drawings
- AUTOCAD Drawings
- STEP / IGS Drawings
- Lens CAD Drawings
- User Guides
- User Guides (Japanese)
- Laser Risk Group Document
- Important Information

Certificate Number 13629
ISO 9001

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