4K LASER LCOS PROJECTOR
4K600STZ

Markets/Applications recommended for:
- Simulation and Training
- Museums and Galleries
- Design and Engineering
- Higher Education
- Corporate
- Houses of Worship
- Medical Education and Training
- Film and TV
- Government
- Rental and Staging

4K RESOLUTION WITH A LASER LIGHT SOURCE FOR LONG-LASTING QUALITY

The REALiS 4K600STZ Projector is a powerful yet compact 4K projector with a laser light source. It utilizes LCOS technology with Canon’s advanced AISYS optical system, and combines it with a high brightness of 6000 lumens and dynamic contrast ratio of up to 10,000:1 to produce a detail-rich native 4K resolution of 4096 x 2400. Its high performance, virtually maintenance-free operation and compact, lightweight design make it an ideal choice for a wide range of industries, from simulation and training to museums and galleries and more.

NATIVE 4K RESOLUTION (4096 X 2400)
- Full HD (1920 x 1080)
- DCI (4096 x 2160)
- QFHD (3840 x 2160)

LASER LIGHT SOURCE FOR BRILLIANT COLORS AND LOWER TOTAL COST OF OWNERSHIP

The projector’s laser light source provides up to 20,000* hours of continuous, reliable projection with true-to-life colors. The total cost of ownership is greatly reduced when compared to conventional lamp projectors as there is no lamp to replace.

- 4K Resolution (4096 x 2400)
- Laser Light Source with up to 20,000* or More Hours (Lower Total Cost of Ownership)
- 6000 Lumens**
- Up to 10,000:1 Dynamic Contrast Ratio and up to 4000:1 Native Contrast Ratio***
- Marginal Focus for Projecting on Spherically Domed Surfaces
- Throw Ratio 1.0 ~ 1.3:1
- LCOS Technology with AISYS-enhancement
- Genuine Canon 4K Lens
- Dual Image Processing Engines for Uncompressed 4K 60p Playback

* This is an estimated value, actual hours may vary depending on usage and environment. This is not a guarantee of the life span of individual laser diodes.
** When in Presentation Mode
*** When Iris function is set to “Close 3”

◊ This model is also available without Wi-Fi® as the 4K601STZ. To learn more, contact your sales representative.
**SPECIFICATIONS**

**PROJECTION SYSTEM**

<table>
<thead>
<tr>
<th>Imaging Device</th>
<th>0.76&quot; LCOS Panel x3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspect Ratio</td>
<td>17:10 Approx. (128:75)</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>4096 x 2400</td>
</tr>
<tr>
<td>Brightness</td>
<td>6000 / 4800 / 3000 Lumens ²</td>
</tr>
<tr>
<td>Contrast</td>
<td>10,000/1 (Dynamic Contras function) / 4000:1 (Native: white: all black) ³</td>
</tr>
<tr>
<td>Image Size</td>
<td>40 – 600&quot; (4096 x 2400)</td>
</tr>
<tr>
<td>Digital Keystone</td>
<td>F2.6, F17 - 2 - 22.3mm</td>
</tr>
<tr>
<td>Uniformity</td>
<td>80%</td>
</tr>
<tr>
<td>Zoom Ratio</td>
<td>1:3</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1:1 - 1:3:1</td>
</tr>
<tr>
<td>Focus</td>
<td>Powered</td>
</tr>
<tr>
<td>Lens Shift</td>
<td>V: ±60%, H: ±10% (powered)</td>
</tr>
</tbody>
</table>

**IMAGE ADJUSTMENTS**

<table>
<thead>
<tr>
<th>Image Mode</th>
<th>Standard / Presentation / Dynamic / Photo/sRGB / Video / DICOM SIM / User 1 / User 2 / User 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Adjustment</td>
<td>Color Level, Color Balance, Color Temperature, Gain (R,G,B), Offset (R,G,B)</td>
</tr>
<tr>
<td>Screen Color Correction</td>
<td>Normal / Greenboard / Adjust (custom)</td>
</tr>
<tr>
<td>Mounting</td>
<td>Omnidirectional ¹</td>
</tr>
<tr>
<td>Adjustable Feet</td>
<td>Four locations at bottom. Extension length = 0.59&quot;</td>
</tr>
</tbody>
</table>

**TERMINALS**

<table>
<thead>
<tr>
<th>DVI-D</th>
<th>Digital PC Input (x4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDMI 2.0a</td>
<td>Digital PC / Digital Video Input (x2)</td>
</tr>
<tr>
<td>RJ-45</td>
<td>Network Connection (100BASE-T / 100BASE-TX / 10BASE-T)</td>
</tr>
<tr>
<td>Dsub9 (Control)</td>
<td>RS-232C Connection</td>
</tr>
<tr>
<td>USB Type A</td>
<td>USB Connection</td>
</tr>
<tr>
<td>Wi-Fi¹</td>
<td>IEEE 802.11b, IEEE 802.11g, IEEE 802.11n</td>
</tr>
<tr>
<td>Mini Jack (Audio)</td>
<td>Audio Input (x1), Audio Output (x1)</td>
</tr>
<tr>
<td>Mini Jack (Remote)</td>
<td>Wired Remote Control Connection</td>
</tr>
<tr>
<td>Mini Jack (Trigger)</td>
<td>DC 12V Output</td>
</tr>
</tbody>
</table>

**REMOTE CONTROL**

- Wireless Remote: Infrared

**DIMENSIONS**

- Front: 7.9"
- Side: 22"
- 24.5"

**CONNECTABILITY**

- HDMI 2.0a x 2
- DVI-D x 4
- Trigger
- AC In
- RS-232C
- USB
- Audio In
- Wired Remote Control
- Audio Out

**IMAGE SIGNALS**

- **Scanning Frequency**
  - H: 18.000kHz – 149.970kHz
  - V: 23.956kHz – 60.000kHz

**ACCESSORIES**

- Remote Control RS-RC04: 4978B001
- Projector Remote Control RS-RC05 (same as supplied): 5750B001
- Replacement Air Filter RS-FL04: 2128C001
- Ceiling Attachment RS-CL15: 0964C001
- Ceiling Attachment Arm RS-CL17: 10 (pack of four): 2133C001
- Ceiling Pipe (600 – 1000mm) RS-CL09: 3097B001
- Ceiling Pipe (300 – 2000mm) RS-CL08: 3096B001
- Ceiling Pipe (600 – 1000mm) RS-CL09: 3097B001

**WHAT’S IN THE BOX**

- Projector
- Important Information (book)
- Lens Cap
- User’s Manual (CD-ROM)
- Power Cord
- Warranty Card
- Projector Remote Control RS-RC05 (includes two AA batteries)

**RATINGS**

- Fan Noise: 37 / 32 / 29db ²
- Power Consumption: 665W
- Standby Power: 0.8 / 0.4W ³
- Heat Dissipation: Up to 2270 BTU/h
- Power Voltage: AC 100 – 240V, 50 / 60 Hz
- Operating Temperature: 32°F – 113°F (20%RH – 85%RH)
- Storage Temperature: -4°F – 140°F
- Dimensions (W x H x D): 22" x 7.9" x 24.5"
- Weight: 57.3 lbs.

¹ When in Presentation Mode ² There are three light modes: Normal, Quiet 1 and Quiet 2. The luminance values for modes other than Normal are calculated and are not guaranteed as specifications. ³ When Iris function is set to “Close 3” ⁴ Air vents should not be blocked. See User Manual for recommended installation. ⁵ Supported when “Panel drive mode” is set to “4096 x 2400”. ⁶ Only low frequencies (24Hz – 30Hz) are supported. ⁷ EDID is not supported. ⁸ This is an estimated value, actual hours may vary depending on usage and environment. This is not a guarantee of the life span of individual laser diodes. ⁹ Network “ON”, Standby power setting “Low-power” / Network “OFF”. ¹⁰ RS-CL15 and RS-CL17 are used together to mount the 4K600STZ on a ceiling.

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