



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



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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)



At 4096 x 2400, Canon's 4K resolution generates a bigger, richer picture made up of more than 9.8 million pixels – higher than the Digital Cinema Initiative (DCI) standard for 4K cinema (4096 x 2160) and more than QFHD (3840 x 2160), the resolution standard for 4K TV.

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

LASER

**UP TO
20,000 HOURS
OR MORE**

The projector's laser light source provides up to 20,000* hours or more 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.

REALiS



4K
4096 x 2400

LASER **COMPACT**
UP TO 20,000 HOURS

HDMI
2.0a

WiFi
CERTIFIED

AISYS
Special Illumination System

KEY FEATURES

- 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."*

SPECIFICATIONS

| PROJECTION SYSTEM | |
|------------------------|---|
| Imaging Device | 0.76" LCOS Panel x3 |
| Aspect Ratio | 17:10 Approx. (128:75) |
| Native Resolution | 4096 x 2400 |
| Brightness | 6000 ¹ / 4800 / 3000 Lumens ² |
| Contrast | 10,000:1 (Dynamic Contrast function)/4000:1 (Native)(all white: all black) ³ |
| Image Size | 40 – 600" (4096 x 2400) |
| Digital Keystone | V:±20°, H:±20° |
| F Number, Focal Length | F2.6, f=17.2 – 22.3mm |
| Uniformity | 80% |
| Zoom Ratio | 1.3x |
| Throw Ratio | 1.0:1 – 1.3:1 |
| Focus | Powered |
| Lens Shift | V: ±60%, H: ±10% (powered) |

| IMAGE ADJUSTMENTS | |
|-------------------------|---|
| Image Mode | Standard / Presentation / Dynamic / Photo/sRGB / Video / DICOM SIM / User 1 / User 2 / User 3 |
| Color Adjustment | Color Level, Color Balance, Color Temperature, Gain (R,G,B), Offset (R,G,B) |
| Screen Color Correction | Normal / Greenboard / Adjust (custom) |
| Mounting | Omnidirectional ⁴ |
| Adjustable Feet | Four locations at bottom. Extension length = 0.59" |

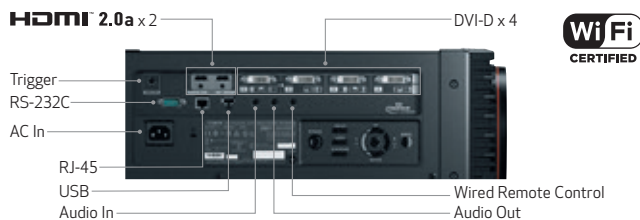
| TERMINALS | |
|---------------------|---|
| DVI-D | Digital PC Input (x4) |
| HDMI 2.0a | Digital PC / Digital Video Input (x2) |
| RJ-45 | Network Connection (1000BASE-T / 100BASE-TX / 10BASE-T) |
| Dsub9 (Control) | RS-232C Connection |
| USB Type A | USB Connection |
| Wi-Fi® | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n |
| Mini Jack (Audio) | Audio Input (x1), Audio Output (x1) |
| Mini Jack (Remote) | Wired Remote Control Connection |
| Mini Jack (Trigger) | DC 12V Output |

| REMOTE CONTROL | |
|-----------------|----------|
| Wireless Remote | Infrared |

DIMENSIONS



CONNECTABILITY



| | | |
|----------|---------------------|-----------------------|
| 4K600STZ | ITEM CODE: 1955C002 | UPC CODE: 13803286762 |
|----------|---------------------|-----------------------|

| IMAGE SIGNALS | |
|--------------------|---|
| Scanning Frequency | H: 18.000kHz – 149.970kHz, V: 23.956Hz – 60.000Hz |
| HDMI 2.0a (Single) | 4096 x 2160 / 3840 x 2160 / 2560 x 1600 / 2560 x 1440 / 2048 x 1200 / 1920 x 1200 / 2560 x 1080 / 2048 x 1080 / 1920 x 1080 / 1280 x 1024 / 1440 x 900 / 1366 x 768 / 1024 x 768 / 1280 x 720 / 800 x 600 / 720 x 576 / 720 x 480 / 640 x 480 |
| HDMI 2.0a (1 x 2) | 3840 x 2400 ^{5,7} / 3200 x 2400 ⁵ / 4096 x 2160 / 3840 x 2160 / 2560 x 1600 / 3840 x 1080 / 2560 x 720 / 1440 x 576 / 1440 x 480 / 1280 x 480 |
| DVI-D (Single) | 4096 x 2160 ^{6,7} / 3840 x 2160 ⁶ / 2560 x 1440 / 2048 x 1200 / 1920 x 1200 / 2560 x 1080 / 2048 x 1080 / 1920 x 1080 / 1280 x 1024 / 1440 x 900 / 1366 x 768 / 1024 x 768 / 1280 x 720 / 800 x 600 / 640 x 480 |
| DVI-D (1 x 2) | 4096 x 2160 ⁶ / 3840 x 2160 ⁶ / 2560 x 1600 / 2560 x 1440 / 2560 x 1080 |
| DVI-D (2 x 2) | 4096 x 2400 ⁵ / 3840 x 2400 ⁵ / 3200 x 2400 ⁵ / 4096 x 2304 ⁵ / 4096 x 2160 / 3840 x 2160 |
| DVI-D (1 x 4) | 4096 x 2400 ⁵ / 3840 x 2400 ⁵ / 4096 x 2304 ⁵ / 4096 x 2160 / 3840 x 2160 |
| Dot Clock | 594.00 MHz (Maximum) |

| BUILT-IN SOUND | |
|------------------|--------------|
| Internal Speaker | 5W, Monaural |

| LIGHT SOURCE | |
|--------------|------------------------------------|
| Type | Blue laser diode / yellow phosphor |
| Life | Up to 20,000 hours ⁸ |

| RATINGS | |
|------------------------|------------------------------|
| Fan Noise | 37 / 32 / 29dB ² |
| Power Consumption | 665W |
| Standby Power | 0.8 / 0.4W ⁹ |
| 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. |

WHAT'S IN THE BOX

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

ACCESSORIES

| ITEM | ITEM CODE |
|---|-----------|
| Remote Control RS-RC04 | 4970B001 |
| Projector Remote Control RS-RC05 (same as supplied) | 5750B001 |
| Replacement Air Filter RS-FL04 | 2128C001 |
| Ceiling Attachment RS-CL15 | 0964C001 |
| Ceiling Attachment RS-CL17 | 2133C001 |
| Ceiling Pipe (400 – 600mm) RS-CL08 | 3096B001 |
| Ceiling Pipe (600 – 1000mm) RS-CL09 | 3097B001 |