



4K LASER LCOS PROJECTOR 4K600Z[◇]

Markets/Applications recommended for:

- Simulation and Training
- Museums and Galleries
- Design and Engineering
- Higher Education
- Corporate
- Government
- Medical Education and Training
- Film and TV
- Houses of Worship
- Rental and Staging



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4K RESOLUTION AND LASER LIGHT SOURCE FOR SUPERB PERFORMANCE

The REALiS 4K600Z 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. A standard zoom lens (throw ratio 1.3-2.4:1) with a high magnification zoom and minimal distortion provides flexibility for a variety of set-ups. The REALiS 4K600Z's high performance, virtually maintenance-free operation and compact, lightweight design make it ideal for 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
Advanced 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**
- Genuine Canon 4K Standard Zoom Lens, Throw Ratio 1.3 – 2.4:1
- Up to 10,000:1 Dynamic Contrast Ratio and up to 4000:1 Native Contrast Ratio***
- Marginal Focus for Projecting on Spherically Domed Surfaces
- LCOS Technology with AISYS-enhancement
- 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 4K601Z. To learn more, contact your sales representative.

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 / 4560 / 2400 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 – 2.75, f=22.7 – 39.8mm
Uniformity	80%
Zoom Ratio	1.76x
Throw Ratio	1.3 – 2.4:1
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"

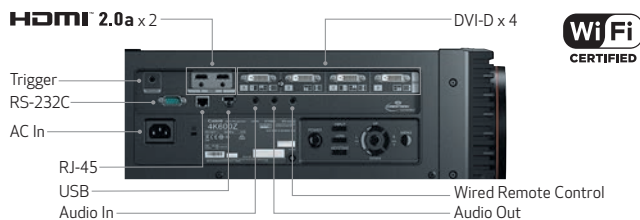
TERMINALS	
DVI-D	Digital PC Input (x4)
HDMI 2.0a	Digital PC / Digital Video Input (x2)
RJ-45	Network Connection (1000BASE-T / 100BASE-TX / 10BASE-T)
Dsub9 (Control)	RS-232C Connection
USB Type A	USB Connection
Wi-Fi®	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Mini Jack (Audio)	Audio Input (x1), Audio Output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

REMOTE CONTROL	
Wireless Remote	Infrared

DIMENSIONS



CONNECTABILITY



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 4K600Z on a ceiling.

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4K600Z	ITEM CODE: 2423C002	UPC CODE: 013803296358
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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
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.

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 ¹⁰	0964C001
Ceiling Attachment Arm RS-CL17 ¹⁰ (pack of four)	2133C001
Ceiling Pipe (400 – 600mm) RS-CL08	3096B001
Ceiling Pipe (600 – 1000mm) RS-CL09	3097B001