PROJECTORS FOR AV PROFESSIONALS

Canon

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REALiS

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SUMMER 2012 REALIS PROJECTOR LINE-UP

ASPECT RATIO

REALiS Pro AV

16:10 (Widescreen)

4:3

REALiS WUX5000 D
REALiS WUX5000

High Resolution Installation
▸ 5000 Lumens
▸ WUXGA Resolution (1920 x 1200)
▸ 3 Lens Options (does not ship with lens)
▸ Motorized Lens Shift
▸ HDMI™ (V.1.3 with Deep Color)
▸ REALiS WUX5000 D features DICOM® Simulation Mode

REALiS WX6000 D
REALiS WX6000

High Resolution Installation
▸ 5700 Lumens
▸ WXGA+ Resolution (1440 x900)
▸ 3 Lens Options (does not ship with lens)
▸ Motorized Lens Shift
▸ HDMI™ (V.1.3 with Deep Color)
▸ REALiS WX6000 D features DICOM® Simulation Mode

REALiS WUX4000 D
REALiS WUX4000

High Resolution Installation
▸ 4000 Lumens
▸ WUXGA Resolution (1920 x1200)
▸ 3 Lens Options (does not ship with lens)
▸ Motorized Lens Shift
▸ HDMI™ (V.1.3 with Deep Color)
▸ REALiS WUX4000 D features DICOM® Simulation Mode

REALiS SX6000 D
REALiS SX6000

High Brightness Installation
▸ 6000 Lumens
▸ SXGA+ Resolution (1400 x 1050)
▸ 3 Lens Options (does not ship with lens)
▸ Motorized Lens Shift
▸ HDMI™ (V.1.3 with Deep Color)
▸ REALiS SX6000 D features DICOM® Simulation Mode

REALiS Portable

16:10 (Widescreen)

4:3

REALiS WUX10 Mark II D
REALiS WUX10 Mark II

Cutting Edge High Definition
▸ 3200 Lumens
▸ WUXGA Resolution (1920 x1200)
▸ 1.5x Optical Zoom Lens
▸ Full 10-bit Image Processing
▸ HDMI™ (V.1.3 with Deep Color)
▸ Network Connection (control only)
▸ REALiS WUX10 Mark II D features DICOM® Simulation Mode

REALiS SX7 Mark II D
REALiS SX7 Mark II

Astounding Color Reproduction
▸ 4000 Lumens
▸ SXGA+ Resolution (1400 x1050)
▸ Adobe RGB Simulation
▸ 1.7x Optical Zoom Lens
▸ 3 Stereo Audio Inputs & 1 Variable Output
▸ Auto Set-Up Function
▸ REALiS SX7 Mark II D features DICOM® Simulation Mode

REALiS SX80 Mark II D
REALiS SX80 Mark II

Affordable High Performance
▸ 3000 Lumens
▸ SXGA+ Resolution (1400 x1050)
▸ 1.5x Optical Zoom Lens
▸ HDMI™ (V.1.3 with Deep Color)
▸ Network Connection
▸ PC-Free Presentation (JPEG only)
▸ REALiS SX80 Mark II D features DICOM® Simulation Mode

REALiS SX60

Whisper -Quiet Operation
▸ 2500 Lumens
▸ SXGA+ Resolution (1400 x1050)
▸ 27dB Noise Level (Quiet Mode)
▸ Special Home Cinema Mode
▸ 1.7x Optical Zoom Lens
▸ Auto Set-Up Function

3000 Lumens	4000 Lumens	5000 Lumens	6000 Lumens

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SUMMER 2012 LV PROJECTOR LINE-UP

LV Series

ASPECT RATIO

16:10 (Widescreen)

4:3

LV-8235 UST

Ultra-Short Throw Projector
- 2500 Lumens
- WXGA Resolution (1280 x 800)
- Display 80 inch image from only 1.05 feet away
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Supports 3D Content
- Closed Captioning
- 10W Built-in Speaker

LV-8320

Wide-Screen Display
- 3000 Lumens
- WXGA Resolution (1280 x 800)
- 1.6x Optical Zoom
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Up to 5,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- RJ-45 Network Connectivity (control only)
- 10W Built-in Speaker

LV-8227A

Wide-Screen Display
- 2500 Lumens
- WXGA Resolution (1280 x 800)
- 1.2x Optical Zoom
- HDMI Digital Input
- 3000:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- 10W Built-in Speaker

LV-7490

High Brightness
- 4000 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- 2000:1 Contrast Ratio
- Up to 5,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- RJ-45 Network Connectivity (control only)
- 10W Built-in Speaker

LV-7392A

Advanced Portable
- 3000 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Up to 5,000 Hours Lamp Life
- 10W Built-in Speaker

LV-7297M

Affordability & Reliability
- 2600 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 500:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- 1W Built-in Speaker

LV-7292M

Affordability & Reliability
- 2200 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 500:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- 1W Built-in Speaker

2000 Lumens   **3000 Lumens**   **4000 Lumens**

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REALiS WUX5000 / WUX4000
PRO AV PROJECTORS

Pro Performance

The REALiS WUX5000 and REALiS WUX4000 Pro AV Projectors are designed to display bright, high-resolution WUXGA (1920 x 1200) widescreen 16:10 video and still images in larger-venue environments. Rated at 5000 and 4000 lumens respectively, the REALiS WUX5000 and REALiS WUX4000 employ Canon's advanced AISYS-enhanced LCOS technology for vivid, seamless images with intricate detail, accurate color, crisp contrast, sharp blacks, and HD video with more natural motion. Built-in Canon Color-Correction IC, 3D color LUT (look-up table), dynamic gamma, and memory color-correction combine to provide advanced color refinements. The projectors offer a choice of three Genuine Canon lenses – which include a 1.5x Standard Zoom, 0.8x Ultra Wide-Angle, or a 1.7x Long Focus Zoom – to suit a variety of applications and environments. In addition, a motorized lens shift feature can compensate for moderate projector-placement obstacles and provide installation convenience.

Key Features

- ► Native Widescreen WUXGA Resolution (1920 x 1200)
- ► 5000 Lumens and 4000 Lumens
- ► 1000:1 Contrast Ratio
- ► Canon AISYS-enhanced LCOS Technology
- ► Optional Interchangeable Genuine Canon Projection Lenses
- ► Motorized Horizontal and Vertical Lens Shift
- ► Easy-Maintenance Lamp, Air Filter, and Optical Filter
- ► Advanced Color Tools

WUXGA resolution shows a significantly larger display area, delivering razor-sharp precision in projected images.

- ► Full 10-Bit Color
- ► Versatile Connectivity (HDMI Version 1.3 and DVI-D)

Recommended For:

- ► Educational Institutions
- ► Corporate Boardrooms
- ► Conference Centers
- ► Houses of Worship
- ► Government Offices
- ► Museums
- ► Photo Studios / Galleries

REALiS WUX5000 / WUX4000

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REALiS WUX5000 / WUX4000 PRO AV PROJECTORS

PRODUCT NAME: REALiS WUX5000 / REALiS WUX4000   **ITEM CODE:** 5748B002 / 4964B002   **UPC CODE:** 013803142549 / 013803131642

SPECIFICATIONS

PRODUCT NAME		WUX5000	WUX4000
BASIC	IMAGING DEVICE	0.7" LCOS Reflective LCD panels x 3	0.7" LCOS Reflective LCD panels x 3
	ASPECT RATIO	16:10	
	NATIVE RESOLUTION	1920 x 1200 (WUXGA)	
	BRIGHTNESS (LUMENS)	5000	4000 (Normal), 3500 (Quiet)
	UNIFORMITY	88%	
	CONTRAST RATIO	1000:1	
	KEYSTONE CORRECTION — VERTICAL	-11° ~ +20° for Standard Zoom Lens / ±20° for Long Focus Zoom Lens / ±13° for Fixed Short Focus Lens	
	KEYSTONE CORRECTION — HORIZONTAL	±20° for Standard and Long Focus Zoom Lenses / Ultra Wide-Angle Lens	
IMAGE ADJUSTMENTS	IMAGE MODES	PC: Standard, Presentation, Vivid Photo, Photo/sRGB, User 1-5 / Video: Standard, Dynamic, Photo/sRGB, Video, Cinema, User 1-5	
	COLOR PROCESSING	Color (Level, Temperature, Balance), Gain & Offset (R,G,B), 3D-LUT	
	MOUNTING	Ceiling, Rear, Rear-Ceiling, Upwards, Downwards	
	TILT ANGLE	Adjustable feet up to 6 degrees	
INPUT SIGNALS	DIGITAL PC INPUT	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	
	ANALOG PC INPUT	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	
	SCANNING FREQUENCY	H:15~ 75 kHz, V: 50 ~ 85 KHz	
	DOT CLOCK	162 MHz or less	
	DIGITAL VIDEO INPUT	1080p / 1080i / 720p / 576p / 480p	
	COMPONENT INPUT	1080p / 1080i / 720p / 576p / 576i / 480p / 480i	
TERMINALS	INPUTS — ANALOG PC INPUT	Mini D-sub 15pin (VGA)	
	INPUTS — DIGITAL PC INPUT	HDMI, DVI-D 24pin	
	INPUTS — ANALOG VIDEO INPUT	Mini D-sub 15pin (Component)	
	INPUTS — DIGITAL VIDEO INPUT	HDMI, DVI-D 24pin	
	INPUTS — AUDIO INPUT	3.5mm (Stereo) x 2	
	INPUTS — CONTROL	9-pin D-Sub (RS-232C) Network (RJ-45)	
	OUTPUTS — AUDIO OUTPUT	3.5mm (Stereo)	
	SPEAKER	5W (Mono)	
LAMP	TYPE	330W NSH (AC)	310W NSH (AC)
	LAMP POWER	336W	300W (Normal), 264W (Quiet)
	LAMP LIFE (HOURS)	3000	3000 (Normal) / 4000 (Quiet)
RATINGS	FAN NOISE	40dB	39dB (Normal), 36dB (Quiet)
	POWER CONSUMPTION	450W	410W (Normal), 365W (Quiet)
	POWER REQUIREMENT	AC100 to 240V, 50 / 60Hz	
	OPERATING TEMPERATURE	41° to 95° F (5° to 35° C)	
	STORAGE ENVIRONMENT	14° to 140° F (-10° to 60° C)	-22° to 104° F (-30° to 60° C), 5%RH – 90%RH
	DIMENSIONS (W x D x H)	15.0" x 16.9" x 6.7" including protruding parts, without lens	15.0" x 16.9" x 6.7" including protruding parts, without lens
	WEIGHT	18.7 lbs without lens	
PACKAGING	BOX — DIMENSIONS (L x W x H)	21.30" x 19.60" x 11.80"	
	BOX — WEIGHT	25.20 lbs	
	CARTON — DIMENSIONS (L x W x H)	21.30" x 19.60" x 11.80"	
	CARTON — WEIGHT	25.20 lbs	
	PALLET — DIMENSIONS (L x W x H)	48" x 40" x 53.20"	
	PALLET — WEIGHT	403.20 lbs	

LENS SPECIFICATIONS

PRODUCT NAME			WUX5000	WUX4000
3 LENS OPTIONS	RS-IL01ST STANDARD ZOOM LENS	PROJECTION LENS	F1.89 – 2.65 / f= 23.0 – 34.5 mm	
		LENS SHIFT*	(Vertical) Down 15% ~ Up 55% / (Horizontal) Left 10% ~ Right 10%	
		ZOOM	1.5 x Optical Zoom (Powered)	
		FOCUS	Powered	
		SCREEN SIZE	40" - 600"	40" - 300"
		PROJECTION DISTANCE	4.6-31.5 ft (1.3-9.6 m), 100": 10.5 - 15.7 ft. (3.2-4.8 m)	
		THROW RATIO	1.5:1 ~ 2.2:1	
	RS-IL02LZ LONG FOCUS ZOOM LENS	PROJECTION LENS	F1.1.99 - 2.83 / f= 34.0 – 57.7 mm	
		LENS SHIFT*	(Vertical) Down 15% ~ Up 55% / (Horizontal) Left 10% ~ Right 10%	
		ZOOM	1.7 x Optical Zoom (Powered)	
		FOCUS	Powered	
		SCREEN SIZE	40" - 600"	40" - 300"
		PROJECTION DISTANCE	6.23 ~ 46.6 ft (1.9–14.2 m) / 100": 15.4 – 26.24 ft. (4.7 – 8.0 m)	
		THROW RATIO	2.2: 1– 3.7:1	
	RS-IL03WF ULTRA WIDE-ANGLE LENS	PROJECTION LENS	F2.0 / f= 12.8 mm	
		LENS SHIFT*	(Vertical) Down 5% ~ Up 5% / (Horizontal) Left 2% ~ Right 2%	
		ZOOM	Fixed	
		FOCUS	Powered	
		SCREEN SIZE	40" to 300"	
		PROJECTION DISTANCE	2.3 -17.1 ft (0.7 - 5.2 m) / 100": 5.6 ft (1.7 m)	
		THROW RATIO	0.8:1	

*The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.

OPTIONAL ACCESSORIES

Item Code No.	Description
4966B001	Standard Zoom Lens RS-IL01ST
4967B001	Long Focus Zoom Lens RS-IL02LZ
4968B001	Ultra Wide-Angle Lens RS-IL03WF
5017B001	Replacement Lamp RS-LP07 (WUX5000)
4965B001	Replacement Lamp RS-LP06 (WUX4000)
4971B001	Replacement Air Filter RS-FL01
4970B001	Remote Controller RS-RC04
4969B001	Ceiling Mount RS-CL11
3096B001	Ceiling Extension RS-CL08 (16" – 24")
3097B001	Ceiling Extension RS-CL09 (24" – 39")
5471B001	Top Cover RS-TC01 (Dark Grey)

Accessories

Three high-resolution interchangeable lenses are available for the REALiS WUX5000 and REALiS WUX4000. These include a 1.5x Standard Zoom Lens, 0.8x Ultra Wide-Angle Lens, and 1.7x Long Focus Zoom Lens. All lenses incorporate advanced low-distortion and high-resolution optical technologies originally developed for Canon's EOS DSLR camera lenses.

Connectability
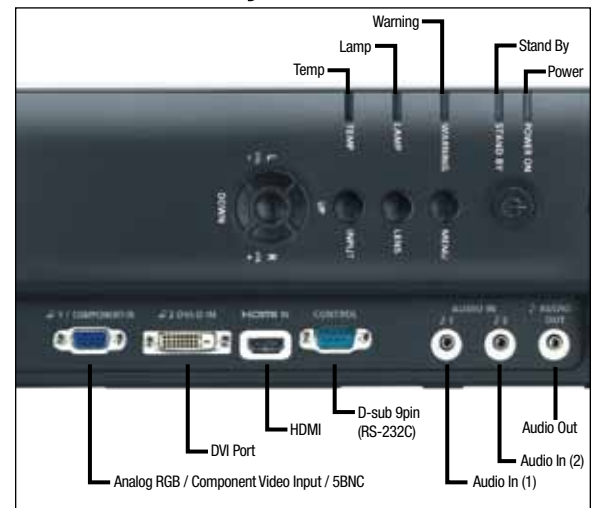
Temp — Lamp — Warning — Stand By — Power

Analog RGB / Component Video Input / 5BNC — DVI Port — HDMI — D-sub 9pin (RS-232C) — Audio In (1) — Audio In (2) — Audio Out

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REALiS WX6000
PRO AV PROJECTOR

Next-Generation Imaging Quality

Full 16:10 aspect ratio display of widescreen imagery from laptop and desktop computers – and from Blu-ray players and other high definition sources connected via handy HDMI 1.3 or DVI-I connectors – is easily accomplished using the REALiS WX6000 Pro AV Projector. Equipped with new LCOS (Liquid Crystal on Silicon) display panels featuring an improved pixel-spacing aperture ratio of 96% for seamless imagery – and enhanced by Version 4.1 of Canon's revolutionary AISYS (Aspectual Illumination System) optical technology – the REALiS WX6000 displays exceptional 5700 lumen video and still images at WXGA+ (1400 x 900) resolution. Added advantages to the WX6000's advanced imaging technologies include better white balance, improved reliability and durability, and outstanding energy efficiency. Advanced color tools (6-axis Color Adjustment, Color Correction IC, and 3D Color LUT) also help provide high color reproducibility and user control.

Key Features

- ► 5700 Lumen Brightness
- ► Native WXGA+ (1400 x 900) Resolution
- ► Widescreen 16:10 Aspect Ratio
- ► 1000:1 Contrast Ratio
- ► AISYS 4.1 Optical Technology
- ► Advanced White Balance
- ► Improved Reliability and Durability
- ► Outstanding Energy Efficiency
- ► Integrated Test Patterns
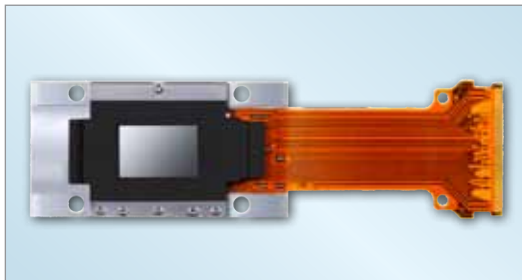
New 96% aperture ratio LCOS panels help provide seamless imagery and also offer increased burn-in resistance.

Recommended For:

- ► Higher Education
- ► Houses of Worship
- ► Museums
- ► Conference Centers
- ► Engineering Labs
- ► Government and Military
- ► Photo Studios/Galleries

REALiS WX6000

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REALiS WX6000 PRO AV PROJECTOR

PRODUCT NAME: REALiS WX6000   ITEM CODE: 5757B002   UPC CODE: 013803142686

SPECIFICATIONS

BASIC	IMAGING DEVICE	0.70" LCOS Reflective LCD panels x 3
	ASPECT RATIO	16:10
	NATIVE RESOLUTION	1440 x 900 (WXGA+)
	BRIGHTNESS	5700 Lumens
	UNIFORMITY	88%
	CONTRAST RATIO	1000:1
	KEYSTONE CORRECTION — VERTICAL	± 20°
	KEYSTONE CORRECTION — HORIZONTAL	± 20°
IMAGE ADJUSTMENTS	IMAGE MODE	Standard, Presentation, Vivid Photo, Photo/sRGB, Dynamic, Video, Cinema, User 1-5
	MOUNTING	Ceiling, Rear, Rear-Ceiling, Upward, Downward
	TILT ANGLE	Adjustable feet up to 6 degrees
INPUT SIGNALS	DIGITAL PC INPUT	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
	ANALOG INPUT	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H Freq. 15.625-75 KHz / V Freq. 50-60.317 Hz / Max dot clock 162 MHz
	DIGITAL VIDEO INPUT	1080p / 1080i / 720p / 576p / 480p
	COMPONENT INPUT	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
TERMINALS	INPUT — DVI-I 29PIN	Analog PC / Digital PC input
	INPUT — HDMI	Version 1.3 Deep Color Digital PC / Digital Video Input
	INPUT — MINI D-SUB 15PIN	Analog PC / Component Video Input
	INPUT — MINI JACK	Stereo Input x 2
	CONTROL — MINI JACK	Wired remote control connection x1
	CONTROL — D-SUB 9 PIN	RS-232C Control
	CONTROL — RJ-45	Network (100BASE-TX / 10BASE-T)
	BUILT-IN SPEAKER	5W (Mono)
LAMP	LAMP — TYPE	330W NSH (AC)
	LAMP — LAMP LIFE	3000 Hours
REMOTE CONTROL	REMOTE CONTROL — SENSOR	Wireless Infrared, Front/Back Wired Remote Control Connection
RATINGS	FAN NOISE	40dB
	POWER — CONSUMPTION	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)
	POWER — VOLTAGE	AC100 ~ 240V, 50 / 60 Hz
	TEMPERATURE — OPERATING	41° to 95° F (5° to 35° C) 85% RH or less
	TEMPERATURE — STORAGE	14° ~ 140° F (-10° ~ 60° C)
	DIMENSIONS (W X D X H)	15 x 6.69 x 16.9 in. (without lens, including protruding parts)
	WEIGHT	18.74 lb. (without lens)

LENS SPECIFICATIONS

PRODUCT NAME			WX6000
3 LENS OPTIONS	RS-IL01ST STANDARD ZOOM LENS	PROJECTION LENS	F1.89 – 2.65 / f= 23.0 – 34.5 mm
		LENS SHIFT*	(Vertical) Down 15% ~ Up 55% / (Horizontal) Left 10% ~ Right 10%
		ZOOM	1.5 x Optical Zoom (Powered)
		FOCUS	Powered
		SCREEN SIZE	40" to 600"
		PROJECTION DISTANCE	4.3-31.5 ft (1.3-9.6 m), 100": 10.5 - 15.7 ft. (3.2-4.8 m)
		THROW RATIO	1.5:1 ~ 2.21:1
	RS-IL02LZ LONG FOCUS ZOOM LENS	PROJECTION LENS	F1.99 - 2.83 / f= 34.0 – 57.7 mm
		LENS SHIFT*	(Vertical) Down 15% ~ Up 55% / (Horizontal) Left 10% ~ Right 10%
		ZOOM	1.7 x Optical Zoom (Powered)
		FOCUS	Powered
		SCREEN SIZE	40" to 600"
		PROJECTION DISTANCE	6.23 ~ 46.59 ft (1.9–14.2 m) / 100": 15.4 – 26.24 ft. (4.7 – 8.0 m)
		THROW RATIO	2.1:1– 3.72:1
	RS-IL03WF ULTRA WIDE-ANGLE LENS	PROJECTION LENS	F2.0 / f= 12.8 mm
		LENS SHIFT*	(Vertical) Down 5% ~ Up 5% / (Horizontal) Left 2% ~ Right 2%
		ZOOM	Fixed
		FOCUS	Powered
		SCREEN SIZE	40" to 300"
		PROJECTION DISTANCE	2.3 -17.1 ft (0.7 - 5.2 m) / 100": 5.6 ft (1.7 m)
		THROW RATIO	0.8:1

*The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.

OPTIONAL ACCESSORIES

Item Code No.	Description
4966B001	Standard Zoom Lens RS-IL01ST
4967B001	Long Focus Zoom Lens RS-IL02LZ
4968B001	Ultra Wide-Angle Lens RS-IL03WF
5017B001	Replacement Lamp RS-LP07
4971B001	Replacement Air Filter RS-FL01
5750B001	Wired Remote Controller RS-RC05
4969B001	Ceiling Mount RS-CL11
3096B001	Ceiling Extension RS-CL08 (16" – 24")
3097B001	Ceiling Extension RS-CL09 (24" – 39")
5471B001	Top Cover RS-TC01 (Dark Grey)

Accessories

Three high-resolution interchangeable Genuine Canon projection lenses are available for the REALiS WX6000 Pro AV Projector. These include a 1.5x Standard Zoom, a 0.8x Ultra Wide-Angle lens, and a 1.7x Long-Focus Zoom. Each lens features advanced low-distortion and high-resolution optical technologies originally developed for Canon's world-renowned line of EF lenses.

Connectability

RJ45 N/W Port — Analog RGB / Component Video Input / 5BNC — DVI Port — HDMI 1.3 — Serial (RS-232C) — Audio In — Remote — Audio Out

Expanded interface options include DVI-I, HDMI 1.3, and analog RGB inputs. Control connections include a network-ready RJ-45 port and RS-232C serial connection. A separate stereo mini-jack input enables direct connection with the hand-held remote-control, if desired.

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For more info:
Call 1-800-OK-CANON (1-800-652-2666)
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REALiS SX6000
PRO AV PROJECTOR

A Bright Performer
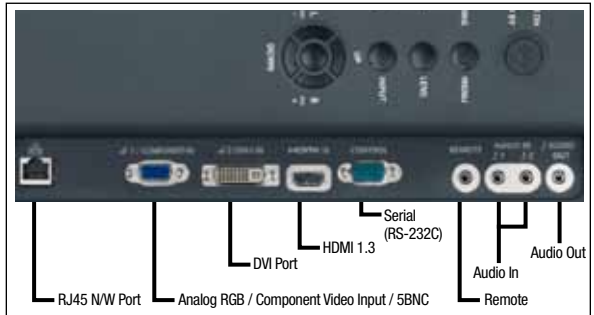
Equipped with new LCOS (Liquid Crystal on Silicon) display panels featuring an improved pixel-spacing aperture ratio of 96% for virtually seamless imagery – and enhanced by Version 4.1 of Canon's revolutionary AISYS (Aspectual Illumination System) optical technology – the REALiS SX6000 Pro AV Projector displays exceptional 6000 lumen video and still images at SXGA+ (1400 x 1050) resolution. Added advantages to the SX6000's advanced imaging technologies include better white balance, improved reliability and durability, and outstanding energy efficiency. Advanced color tools (6-axis Color Adjustment, Color Correction IC, and 3D Color LUT) also provide high color reproducibility. Multiple image modes, integrated test patterns, a choice of three optional genuine Canon projection lenses, expanded interfaces (including DVI-I and HDMI 1.3), an advanced wired remote control and installer-friendly features makes the REALiS SX6000 a superb choice for many presentation venues.

Key Features

- ► 6000 Lumen Brightness
- ► Native SXGA+ (1400 x 1050) Resolution
- ► 1000:1 Contrast Ratio
- ► 96% Aperture Ratio LCOS Panels
- ► AISYS 4.1 Optical Technology
- ► Advanced White Balance
- ► Improved Reliability and Durability
- ► Increased Burn-In Resistance
- ► Outstanding Energy Efficiency
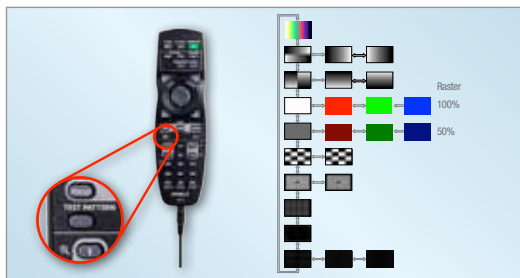
Integrated test patterns controllable from the remote control enable adjustment of the image angle, gradation, and color tone. System faults can also be isolated.

Recommended For:

- ► Higher Education
- ► Houses of Worship
- ► Museums
- ► Conference Centers
- ► Engineering Labs
- ► Government and Military
- ► Photo Studios/Galleries

REALiS SX6000

Canon

REALiS SX6000 PRO AV PROJECTOR

PRODUCT NAME: REALiS SX6000   ITEM CODE: 5749B002   UPC CODE: 013803142563

SPECIFICATIONS

BASIC	IMAGING DEVICE	0.72" LCOS Reflective LCD Panels x 3
	ASPECT RATIO	4:3
	NATIVE RESOLUTION	1400 x 1050 (SXGA+)
	BRIGHTNESS	6000 Lumens
	UNIFORMITY	88%
	CONTRAST RATIO	1000:1
	KEYSTONE CORRECTION — VERTICAL	± 20°
	KEYSTONE CORRECTION — HORIZONTAL	± 20°
IMAGE ADJUSTMENTS	IMAGE MODES	Standard, Presentation, Vivid Photo, Photo/sRGB, Dynamic, Video, Cinema, User 1-5
	MOUNTING	Ceiling, Rear, Rear-Ceiling, Upward, Downward
	TILT ANGLE	Adjustable feet up to 6 degrees
INPUT SIGNALS	DIGITAL PC INPUT	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
	ANALOG INPUT	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H Freq. 15.625-75 KHz V Freq. 50-60.317 Hz Max dot clock 162 MHz
	DIGITAL VIDEO INPUT	1080p / 1080i / 720p / 576p / 480p
	COMPONENT INPUT	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
TERMINALS	INPUT — DVI-I 29PIN	Analog PC / Digital PC input
	INPUT — HDMI	Version 1.3 Deep Color Digital PC / Digital Video Input
	INPUT — MINI D-SUB 15PIN	Analog PC / Component Video Input
	INPUT — MINI JACK	Stereo Input x 2
	CONTROL — MINI JACK	Wired remote control connection x1
	CONTROL — D-SUB 9 PIN	RS-232C Control
	CONTROL — RJ-45	Network (100BASE-TX / 10BASE-T)
	BUILT-IN SPEAKER	5W (Mono)
LAMP	LAMP — TYPE	330W NSH (AC)
	LAMP — LAMP LIFE	3000 Hours
REMOTE CONTROL	REMOTE CONTROL — SENSOR	Wireless Infrared, Front/Back Wired Remote Control Connection
RATINGS	FAN NOISE	40dB
	POWER — CONSUMPTION	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)
	POWER — VOLTAGE	AC100 ~ 240V, 50 / 60 Hz
	TEMPERATURE — OPERATING	41° to 95° F (5° to 35° C) 85% RH or less
	TEMPERATURE — STORAGE	14° ~ 140° F (-10° ~ 60° C)
	DIMENSIONS (W X D X H)	15 x 6.69 x 16.9 in. (without lens, including protruding parts)
	WEIGHT	18.74 lb. (without lens)

LENS SPECIFICATIONS

PRODUCT NAME			SX6000
3 LENS OPTIONS	RS-IL01ST STANDARD ZOOM LENS	PROJECTION LENS	F1.89 – 2.65 / f= 23.0 – 34.5 mm
		LENS SHIFT*	(Vertical) Down 12% ~ Up 50% / (Horizontal) Left 10% ~ Right 10%
		ZOOM	1.5 x Optical Zoom (Powered)
		FOCUS	Powered
		SCREEN SIZE	40" to 600"
		PROJECTION DISTANCE	4.3-31.5 ft (1.3-9.6 m), 100": 10.5 - 15.7 ft. (3.2-4.8 m)
		THROW RATIO	1.5:1 ~ 2.21:1
	RS-IL02LZ LONG FOCUS ZOOM LENS	PROJECTION LENS	F1.99 - 2.83 / f= 34.0 – 57.7 mm
		LENS SHIFT*	(Vertical) Down 12% ~ Up 50% / (Horizontal) Left 10% ~ Right 10%
		ZOOM	1.7 x Optical Zoom (Powered)
		FOCUS	Powered
		SCREEN SIZE	40" to 600"
		PROJECTION DISTANCE	6.23 ~ 46.59 ft (1.9–14.2 m) / 100": 15.4 – 26.24 ft. (4.7 – 8.0 m)
		THROW RATIO	2.1:1– 3.72:1
	RS-IL03WF ULTRA WIDE-ANGLE LENS	PROJECTION LENS	F2.0 / f= 12.8 mm
		LENS SHIFT*	(Vertical) Down 5% ~ Up 5% / (Horizontal) Left 2% ~ Right 2%
		ZOOM	Fixed
		FOCUS	Powered
		SCREEN SIZE	40" to 300"
		PROJECTION DISTANCE	2.3 -17.1 ft (0.7 - 5.2 m) / 100": 5.6 ft (1.7 m)
		THROW RATIO	0.8:1

*The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.

OPTIONAL ACCESSORIES

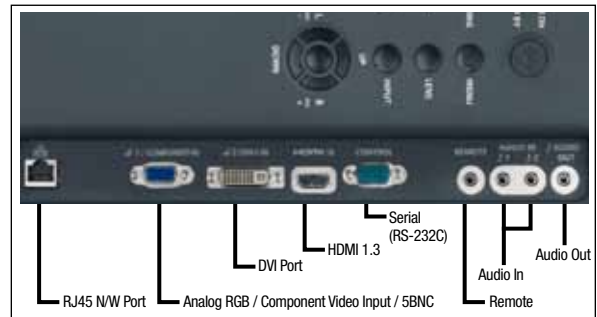| Item Code No.	Description
4966B001	Standard Zoom Lens RS-IL01ST
4967B001	Long Focus Zoom Lens RS-IL02LZ
4968B001	Ultra Wide-Angle Lens RS-IL03WF
5017B001	Replacement Lamp RS-LP07
4971B001	Replacement Air Filter RS-FL01
5750B001	Wired Remote Controller RS-RC05
4969B001	Ceiling Mount RS-CL11
3096B001	Ceiling Extension RS-CL08 (16" – 24")
3097B001	Ceiling Extension RS-CL09 (24" – 39")
5471B001	Top Cover RS-TC01 (Dark Grey)

Accessories

Three high-resolution interchangeable Genuine Canon projection lenses are available for the REALiS SX6000 Pro AV Projector. These include a 1.5x Standard Zoom, a 0.8x Ultra Wide-Angle lens, and a 1.7x Long-Focus Zoom. Each lens features advanced low-distortion and high-resolution optical technologies originally developed for Canon's world-renowned line of EF lenses.

Connectability

Expanded interface options include DVI-I, HDMI 1.3, and analog RGB inputs. Control connections include a network-ready RJ-45 port and RS-232C serial connection. A separate stereo mini-jack input enables direct connection with the hand-held remote-control, if desired.

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*image*ANYWARE

For more info:
Call 1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com

0167W724

REALiS WUX10 MARK II MULTIMEDIA LCOS PROJECTOR

High Performance

The REALiS WUX10 Mark II is a widescreen, high-resolution, high-brightness LCOS projector that provides spectacular picture quality and a unique Photo Image Mode setting that adds flexibility for enhancing the look and feel of projected images. Ideal for demanding professionals in education, photography, and other exacting disciplines, this exceptional projector incorporates Canon's exclusive AISYS-enhanced LCOS technology with an expanded color space for accurate, life-like color reproduction and razor-sharp image quality.

Key Features

- ► Native WUXGA Resolution (1920 x 1200)
- ► Widescreen (16:10 Aspect Ratio)
- ► AISYS-enhanced LCOS Technology
- ► 3200 Lumens
- ► 1.5x Powered Zoom Lens
- ► Photo Image Mode
- ► Advanced Color Management System
- ► Full 10-Bit Color
- ► HDMI Version 1.3 Deep Color

The REALiS WUX10 Mark II delivers WUXGA (1920 x 1200) resolution widescreen images.

- ► Network-Ready RJ-45 Port
- ► Ease of Use and Flexibility

Recommended For:

- ► Education
- ► Journalism
- ► Photography
- ► Corporate Facilities
- ► Wedding/Portrait
- ► Events/Concerts
- ► Museums
- ► Government
- ► Film/Television Production
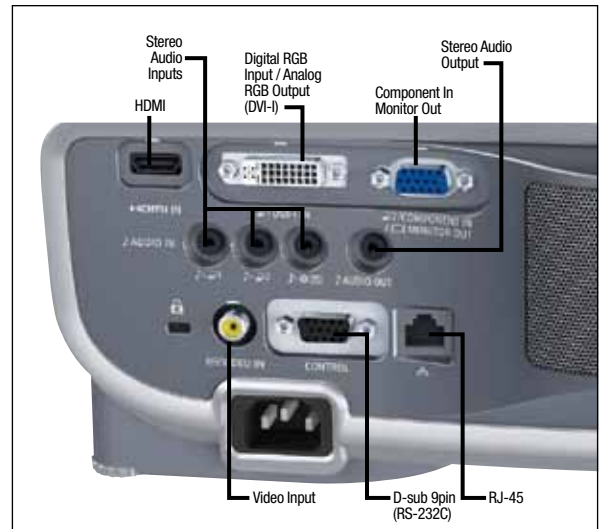
REALiS WUX10 Mark II

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REALiS WUX10 MARK II MULTIMEDIA LCOS PROJECTOR

PRODUCT NAME: REALiS WUX10 Mark II   ITEM CODE: 4231B002   UPC CODE: 013803119381

SPECIFICATIONS

BASIC	IMAGING DEVICE	0.7" Reflective LCD Panel (LCOS) x 3
	ASPECT RATIO	16:10
	NATIVE RESOLUTION	WUXGA (1920 x 1200)
	BRIGHTNESS	3200 Lumens
	UNIFORMITY	88%
	CONTRAST	1000: 1
	VERTICAL KEYSTONE	± 20 degrees (Auto / Manual)
OPTICS	PROJECTION LENS	F1.85 - 2.65, f= 21.8 - 31.9 mm
	LENS OFFSET	10:0, Fixed
	ZOOM	1.5 x Powered, 12 x Digital zoom
	FOCUS	Powered
	SCREEN SIZE	40" - 300"
	PROJECTION DISTANCE COVERAGE	3.9 - 29.9 ft (1.2 - 9.1 m), 100": 9.8 - 16.1 ft (3.0 - 4.9 m)
	THROW RATIO	1.48 - 2.18: 1
IMAGE ADJUSTMENTS	IMAGE MODE	Standard, Presentation, Movie, sRGB, Photo
	COLOR ADJUST	Dynamic Gamma, 6-Axis (RGBCMY) Color Adjustment
	WALL CORRECTION	Auto / Manual
	IMAGE FLIP	None / Ceiling Mounted / Rear / Rear, Ceiling Mounted
	TILT ANGLE	Adjusting foot up to 10 degrees
INPUT SIGNALS	DIGITAL PC INPUT	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA / WXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H: 15~100 kHz, V: 50~100 Hz
	ANALOG PC INPUT	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA / WXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H: 15~100 kHz, V: 50~100 Hz
	DOT CLOCK	170 MHz or less
	VIDEO INPUT	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	COMPONENT INPUT	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
	DIGITAL VIDEO INPUT	HDMI: 1080p / 1080i / 1035i / 720p / 576p / 480p

TERMINALS	INPUT	DVI-I 29PIN	Digital PC input / Analog PC input / Digital Video input
		HDMI	Version 1.3 Deep Color / Digital Video input
		D-SUB 15PIN	Analog PC input x 1
		RCA	Composite Video input
		STEREO MINI-JACK	Stereo Audio input x 3
	OUTPUT	D-SUB 15PIN	Analog PC Out
		STEREO MINI-JACK	Stereo Audio output x 1
	CONTROL	RS-232	D-sub 9pin
		RJ-45	Yes
	BUILT-IN SPEAKER		1W (Mono)

LAMP	TYPE		275W NSH (AC)
	LAMP LIFE (NORMAL / QUIET)		2000 / 3000 Hours
REMOTE CONTROL	SENSOR		Wireless Infrared, Front / Back
RATINGS	FAN NOISE (NORMAL / QUIET)		36 / 32 dB
	POWER	CONSUMPTION	400W (normal) / 330W (quiet) / 11W (stand-by)
		VOLTAGE	AC 100 to 240V, 50 / 60Hz
	TEMPERATURE	OPERATING	41° to 95° F (5° to 35° C)
		STORAGE	- 22° to 104° F (- 30° to 60° C), 5%RH~90%RH
	DIMENSIONS (W x D x H)		11.2 x 13.2 x 4.5 in. (284 x 336 x 114 mm)
	WEIGHT		10.9 lbs (4.94 kg)

Flexible Compatibility

Stereo Audio Inputs
Digital RGB Input / Analog RGB Output (DVI-I)
Stereo Audio Output
HDMI
Component In Monitor Out
Video Input
D-sub 9pin (RS-232C)
RJ-45

1.5x Zoom Lens

A key component that enables the Canon REALiS WUX10 Mark II Multimedia LCOS Projector to display brilliant, crisp, detailed images is its advanced Genuine Canon 1.5x powered zoom lens. Featuring proprietary coatings that reduce both glare and ghosting, this sophisticated 1.5x powered zoom lens also delivers increased resolution, suppression of lens aberrations, and a 10:0 lens offset maintains the lower edge of the projected images thus eliminating the need for keystone correction and possible degradation of image quality. The combination of this Genuine Canon 1.5x powered zoom lens and its 10:0 offset feature enables users to easily change the size of the projected display to accommodate a wide range of presentation environments and/or applications. The Canon REALiS WUX10 Mark II Multimedia LCOS Projector features a throw distance of from 3.9 to 29.9 ft. (1.2 to 9.1m).

OPTIONAL ACCESSORIES

Item Code No.	Description
2396B001	Replacement Lamp RS-LP04
3095B001	Ceiling Mount RS-CL07
3096B001	Ceiling Extension RS-CL08 (16" – 24")
3097B001	Ceiling Extension RS-CL09 (24" – 39")
7502A001	DVI-D Cable LV-CA29
1332V132	REALiS Projector Case

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For more info:
Call 1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com

0154W957

REALiS SX7 MARK II MULTIMEDIA LCOS PROJECTOR

Astounding Color Reproduction

The REALiS SX7 Mark II is a high-performance SXGA+ (1400 x 1050) resolution LCOS projector that provides outstanding image quality and detail. Featuring 4000 lumens of brightness, the SX7 Mark II incorporates Canon's proprietary AISYS-enhanced LCOS Technology which delivers lattice-free, seamless images with exceptional color reproduction. Using a special color filter for support of the Adobe RGB color space, the REALiS SX7 Mark II is ideal for demanding users such as graphic designers, publishers and photographers. In addition, the projector's Photo Image Mode setting allows you to make precise adjustments to both the color temperature and color level, and adjust for ambient lighting conditions. The projector's AC lamp system helps to deliver exceptional color fidelity, with enhanced red and green for more realistic tones. The REALiS SX7 Mark II delivers everything you need in a top-of-the-line projector.

Key Features

- ► Native SXGA+ Resolution (1400 x 1050)
- ► AISYS-enhanced LCOS Technology
- ► 4000 Lumens
- ► 1.7x Powered Zoom Lens
- ► Digital Image Shift
- ► Photo Image Mode
- ► Supports Adobe RGB and sRGB Color Spaces
- ► Advanced Color Management
- ► Versatile Connectivity (DVI-I)

The REALiS SX7 Mark II's Photo Mode allows you to make precise adjustments to color temperature and color level.*

- ► Ease of Use and Flexibility

Recommended For:

- ► Publishing
- ► Graphic Design
- ► Photography
- ► Wedding/Portrait
- ► Education
- ► Museums
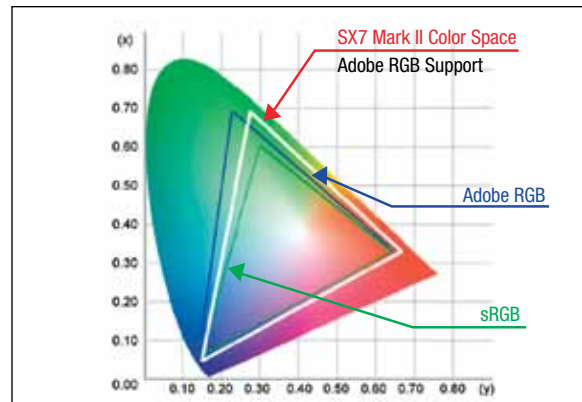- ► Government
- ► Corporate

REALiS SX7 Mark II

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REALiS SX7 Mark II

PRODUCT NAME: REALiS SX7 Mark II   ITEM CODE: 4233B002   UPC CODE: 013803119404
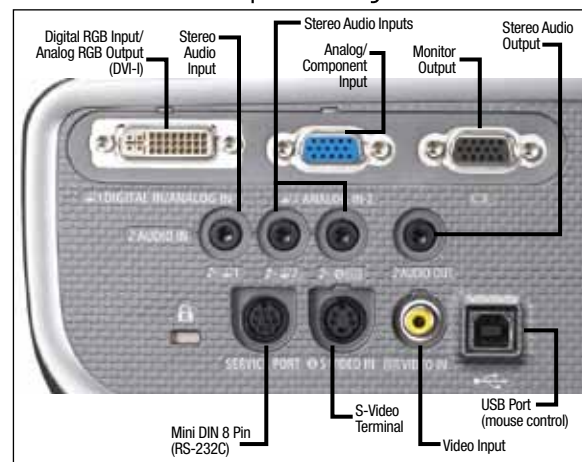
SPECIFICATIONS

BASIC	IMAGING DEVICE	0.7" Reflective LCD Panel (LCOS) x 3
	ASPECT RATIO	4: 3
	NATIVE RESOLUTION	SXGA+ (1400 x 1050)
	BRIGHTNESS	4000 Lumens
	UNIFORMITY	88%
	CONTRAST	1000: 1
	KEYSTONE — VERTICAL	+ / - 20 degrees (Auto / Manual)
	KEYSTONE — HORIZONTAL	+ / - 20 degrees (Manual)
OPTICS	PROJECTION LENS	F1.85 - 2.5, f= 21.7 - 35.8mm
	LENS OFFSET	9: 1, Fixed
	ZOOM	1.7 x Powered, 12 x Digital zoom
	FOCUS	Powered
	SCREEN SIZE	40" - 300"
	PROJECTION DISTANCE COVERAGE	3.9 – 29.5 ft (1.2 – 9 m), 100": 9.8 – 16.1 ft (3.0 – 4.9 m)
	THROW RATIO	1.46 – 2.43: 1
IMAGE ADJUSTMENTS	IMAGE MODES	Standard, Presentation, Movie, Photo, Adobe RGB, sRGB
	COLOR ADJUST	Dynamic Gamma, 6-Axis (RGBCMY) Color Adjustment
	WALL CORRECTION	Auto / Manual
	IMAGE FLIP	None / Ceiling Mounted / Rear / Rear, Ceiling Mounted
	TILT ANGLE	Adjusting foot up to 10 degrees
INPUT SIGNALS	DIGITAL PC INPUT	SXGA+ / SXGA / WXGA / XGA / / VGA
	SCANNING FREQUENCY	H: 15~100 kHz, V: 50~100 Hz
	ANALOG PC INPUT	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H: 15~100 kHz, V: 50~100 Hz
	DOT CLOCK	170MHz or less
	VIDEO INPUT	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	COMPONENT INPUT	1080i / 1035i / 720p / 576p / 576i / 480p / 480i
	DIGITAL VIDEO INPUT	1080i / 1035i / 720p / 576p / 480p
TERMINALS	INPUT — DVI-I 29PIN	Digital PC input / Analog PC input / Digital Video input
	INPUT — D-SUB 15PIN	Analog PC Input x 2
	INPUT — RCA	Composite Video Input
	INPUT — STEREO MINI JACK	Stereo Audio Input x 3
	OUTPUT — D-SUB 15PIN	Analog PC output
	OUTPUT — STEREO MINI-JACK	Stereo Audio Output x 1
	CONTROL — D-sub 9pin	RS-232
	BUILD-IN SPEAKER	1W (Mono)
LAMP	TYPE	275W NSH (AC)
	LAMP LIFE (NORMAL / QUIET)	2000 / 3000 Hours
REMOTE CONTROL	SENSOR	Wireless Infrared, Front / Back
	MOUSE CONTROL	Mouse Control Receiver (USB)
RATINGS	FAN NOISE (NORMAL / QUIET)	35 / 31 dB
	POWER — CONSUMPTION	360W (normal) / 290W (quiet) / 7W (stand-by)
	POWER — VOLTAGE	AC 100 to 240V, 50 / 60Hz
	TEMPERATURE — OPERATING	41° to 95° F (5° to 35° C)
	TEMPERATURE — STORAGE	- 22° to 104° F (- 30° to 60° C), 5%RH~90%RH
	DIMENSIONS (W x D x H)	10.5 x 13.2 x 4.5 in. (226 x 336 x 114 mm)
	WEIGHT	10.6 lbs (4.8 kg)

OPTIONAL ACCESSORIES

Item Code No.	Description
2396B001	RS-LP04 Replacement Lamp
3095B001	RS-CL07 Ceiling Mount
3096B001	RS-CL08 Ceiling Extension: (16" - 24")
3097B001	RS-CL09 Ceiling Extension: (24" - 39")
7502A001	LV-CA29 DVI-D Cable
0610B001	RS-CA01 RS-232C Cable(9.8")
1025V632	RS-232C Control Cable (18")
1261V591	T-WC070 Wide Converter Lens
1332V132	REALiS Projector Case

Adobe RGB Color Space

SX7 Mark II Color Space
Adobe RGB Support

Adobe RGB

sRGB

A special color filter and the projector's AC lamp produces exceptional support of Adobe RGB color space, a larger color space than sRGB, thus capable of reproducing more colors. This feature allows professional photography studios, graphic designers, and printers to display images with accurate, uniform color at all stages of the production process.

Flexible Compatibility

Digital RGB Input/ Analog RGB Output (DVI-I)
Stereo Audio Input
Stereo Audio Inputs
Analog/ Component Input
Monitor Output
Stereo Audio Output

Mini DIN 8 Pin (RS-232C)
S-Video Terminal
Video Input
USB Port (mouse control)

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0154W958

REALiS SX80 MARK II MULTIMEDIA LCOS PROJECTOR

Versatile Performance

The REALiS SX80 Mark II offers a range of highly desired projector features in a very affordable package. Boasting high-resolution SXGA+ (1400 x 1050), the SX80 Mark II incorporates Canon's exclusive AISYS-enhanced LCOS technology which delivers lattice-free, seamless images with exceptional color reproduction. Ideal for corporate, education and other professional users, the projector has a Photo Image Mode setting for precision color adjustment, a built-in USB port for PC-free presentations and PictBridge compatibility, an HDMI terminal (version 1.3 deep color) for projection of high-quality digital images and 1080p video, and a built-in RJ-45 network connection for remote network operation.

Key Features

- ► AISYS-enhanced LCOS Technology
- ► Native SXGA+ Resolution (1400 x 1050)
- ► 3000 Lumens
- ► 1.5x Powered Zoom Lens
- ► Photo Image Mode
- ► Advanced Color Management
- ► HDMI Version 1.3 Deep Color
- ► PC-Free Presentations and PictBridge

PictBridge

PictBridge compatible digital cameras can be connected via USB to display photos directly from the camera.

- ► Network-ready RJ-45 Port
- ► Ease of Use and Flexibility

Recommended For:

- ► Education
- ► Corporate
- ► Government
- ► Photography
- ► Houses of Worship

REALiS SX80 Mark II

Canon

REALiS SX80 Mark II

PRODUCT NAME: REALiS SX80 Mark II   ITEM CODE: 4232B002   UPC CODE: 013803119398
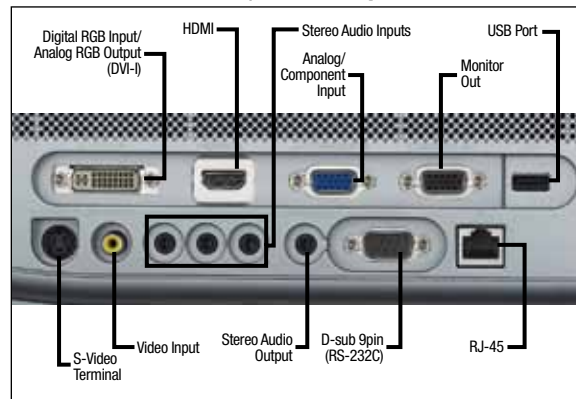
SPECIFICATIONS

BASIC	IMAGING DEVICE	0.55" Reflective LCD Panels (LCOS) x 3
	ASPECT RATIO	4:3
	NATIVE RESOLUTION	SXGA+ (1400 x 1050)
	BRIGHTNESS	3000 Lumens
	UNIFORMITY	88%
	CONTRAST	900:1
	VERTICAL KEYSTONE	± 20 degrees (Auto / Manual)
OPTICS	PROJECTION LENS	F1.95 – 2.6, f= 16.6 – 24.8 mm
	LENS OFFSET	10:0, Fixed
	ZOOM	1.5x Powered, 12x Digital zoom
	FOCUS	Powered
	SCREEN SIZE	40" – 300"
	PROJECTION DISTANCE COVERAGE	3.9 – 29.9 FT (1.2 – 9.1M) 100": 9.8 – 16.1 FT. (3.0 – 4.9M)
	THROW RATIO	1.48 – 2.18:1
IMAGE ADJUSTMENTS	IMAGE MODE	Standard, Presentation, Movie, sRGB, Photo
	COLOR ADJUST	Dynamic Gamma, 6-Axis (RGBCMY) Color Adjustment
	WALL CORRECTION	Auto / Manual
	IMAGE FLIP	None / Ceiling Mounted / Rear / Rear, Ceiling Mounted
	TILT ANGLE	Adjusting feet up to 10 degrees
INPUT SIGNALS	DIGITAL PC INPUT	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	ANALOG PC INPUT	UXGA / SXGA+ / WXGA / SXGA / XGA / SVGA / VGA
	DOT CLOCK	170MHz or less
	VIDEO INPUT	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	COMPONENT INPUT	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
	DIGITAL VIDEO INPUT	HDMI: 1080p / 1080i / 1035i / 720p / 576p / 480p

TERMINALS	INPUT	DVI-I 29PIN	Digital PC input / Analog PC input / Digital Video input
		HDMI	Version 1.3 Deep Color / Digital Video Input
		D-SUB 15PIN	Analog PC Input x 1
		5-BNC	D-sub 15 pin
		MINI DIN 4PIN	S-Video input
		RCA	Video Input
		USB	USB Type 'A' Connection / PictBridge input
		STEREO MINI-JACK	Stereo Audio Input x 3
	OUTPUT	D-SUB 15PIN	Analog PC output
		STEREO MINI-JACK	Stereo Audio Output x 1
	CONTROL	RS-232	D-sub 9pin
		RJ-45	Yes
	BUILT-IN SPEAKER		1W (Mono)

LAMP	TYPE	230W NSH (AC)
	LAMP LIFE (NORMAL / QUIET)	2000 / 2500 Hours
REMOTE CONTROL	SENSOR	Wireless Infrared, Front / Back

RATING	FAN NOISE (NORMAL / QUIET)		35 / 31 dB
	POWER	CONSUMPTION	330W (normal) / 270W (quiet) / 15W (stand-by)
		VOLTAGE	AC100 to 240V, 50 / 60Hz
	TEMPERATURE	OPERATING	41° to 95° F (5° to 35° C)
		STORAGE	- 22° to 104° F (- 30° to 60° C), 5%RH~90%RH
	DIMENSIONS (W x D x H)		13.0 x 13.4 x 4.8 in. (332 x 340 x 121 mm)
	WEIGHT		11.5 lbs (5.2 kg)

OPTIONAL ACCESSORIES

Item Code No.	Description
2678B001	RS-LP05 Replacement Lamp
3098B001	RS-CL10 Ceiling Mount
3096B001	RS-CL08 Ceiling Extension: (16" – 24")*
3097B001	RS-CL09 Ceiling Extension: (24" – 39")*
7502A001	LV-CA29 DVI-D Cable
1332V132	REALiS Projector Case

* Extension for RS-CL10 Ceiling Mount

Photo Image Mode

Ambient light can cause significant changes in the accuracy of the colors being projected. With the Photo Image Mode on the REALiS SX80 Mark II, users can take advantage of added flexibility to ensure optimum color reproduction and image quality. This special mode allows users to adjust for lighting conditions and fine-tune color levels and color temperature. It is ideal for users who are displaying content and cannot control the lighting conditions – such as educators speaking in classrooms or photographers showing their work in an art museum/gallery.

Flexible Compatibility

Digital RGB Input/Analog RGB Output (DVI-I) · HDMI · Stereo Audio Inputs · Analog/Component Input · USB Port · Monitor Out · S-Video Terminal · Video Input · Stereo Audio Output · D-sub 9pin (RS-232C) · RJ-45

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For more info:
Call 1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com

0154W959

REALiS SX60 MULTIMEDIA LCOS PROJECTOR

Quiet Operation

The REALiS SX60 features Canon's proprietary advanced AISYS-enhanced LCOS Technology which delivers lattice-free, seamless images with exceptional color reproduction. At 2500 lumens, and SXGA+ resolution the SX60 is a bright, high resolution LCOS projector that meets a wide range of needs for corporate, education and other professionals users. This model also offers a high contrast mode that makes it ideal for simulation and home cinema applications. The SX60 also offers a 1.7x Ultra-Wide Powered Zoom Lens that provides users flexibility with projector placement.

Key Features

► Native SXGA+ Resolution (1400 x 1050)

► AISYS-enhanced LCOS Technology

► 2500 Lumens

► Versatile Connectivity (DVI-I)

► Genuine Canon Optics

► 1.7x Ultra-Wide Powered Zoom Lens

► Multiple Image Modes:
   Presentation, sRGB, Movie, Home Cinema

The REALiS SX60 measures the distance to the screen and Auto-Focuses for razor-sharp projected images

► Ease of Use and Flexibility

► Auto Screen Color Correction

► Quiet Operation

Recommended For:

► **Education**

► **Corporate**

► **Government**

► **Home Cinema**

REALiS SX60

Canon

REALiS SX60

PRODUCT NAME: REALiS SX60   ITEM CODE: 1292B002AA   UPC CODE: 013803065275

SPECIFICATIONS

BASIC	IMAGING DEVICE	0.7" Reflective LCD Panel (LCOS) x 3
	ASPECT RATIO	4:3
	NATIVE RESOLUTION	SXGA+ (1400x1050)
	BRIGHTNESS	2500 ANSI Lumens
	UNIFORMITY	88%
	CONTRAST RATIO	1000:1, 2000:1 (Home Cinema Mode)
	KEYSTONE — VERTICAL	± 20 degrees (Auto / Manual)
	KEYSTONE — HORIZONTAL	± 20 degrees (Manual)
OPTICS	PROJECTION LENS	F1.85 – 2.5 , f= 21.7 – 35.8 mm
	LENS SHIFT	9:1, Fixed
	ZOOM	1.7 x Powered, 12x Digital zoom
	FOCUS	Powered (Auto / Manual)
	SCREEN SIZE	40" – 300"
	PROJECTION DISTANCE COVERAGE	3.9 – 29.5 ft (1.2 – 9 m) / 100": 9.8 – 16.1 ft (3.0 – 4.9 m)
	THROW RATIO	1.46 – 2.43:1
IMAGE ADJUSTMENTS	COLOR MODE	sRGB, Presentation, Standard, Movie Home Cinema
	COLOR ADJUST	Dynamic Gamma, 6-Axis (RGBCMY) Color Adjustment
	WALL CORRECTION	Auto
	MOUNTING	Ceiling / Rear / Ceiling and Rear
	TILT ANGLE	Adjusting feet up to 10 degrees
	ANALOG PC INPUT	UXGA / SXGA+ / WXGA / SXGA / XGA / SVGA / VGA
INPUT SIGNALS	DIGITAL PC INPUT	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY	H: 15~100 kHz, V: 50~100 Hz, Dot Clock: 170 MHz
	VIDEO / S-VIDEO INPUT	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	COMPONENT INPUT	1080i / 1035i / 720p / 575p / 480p / 575i / 480i
	DIGITAL VIDEO INPUT	1080i / 1035i / 720p / 575p / 480p (Non-Condensing)
TERMINALS	INPUT — DVI-I 29PIN	Digital PC input / Analog PC input / Digital Video input
	INPUT — MINI D-SUB 15PIN	Analog PC input / Component input / SCART input
	INPUT — RCA	Video input
	INPUT — MINI DIN 4PIN	S-Video input
	INPUT — STEREO MINI JACK	Stereo audio input
	OUTPUT — MINI D-SUB 15PIN	Analog PC output
	BUILT-IN SPEAKER	1W (Mono)
	CONTROL TERMINAL	RS-232C
	NETWORK	YES (Optional LAN Adapter)
LAMP	TYPE	180W NSH
	LAMP LIFE (NORMAL / QUIET)	2500 / 4000 Hours
REMOTE CONTROL	WIRELESS	Wireless Infrared, Front / Back
	MOUSE CONTROL	Mouse Control Receiver (USB)
RATINGS	FAN NOISE (NORMAL / QUIET)	30 / 27 dB
	POWER — CONSUMPTION	250W (normal) / 225W (quiet) / 7W (stand-by)
	POWER — VOLTAGE	AC 100 to 240V, 50 / 60Hz
	TEMPERATURE — OPERATING	41° to 95° F (5° to 35° C)
	TEMPERATURE — STORAGE	- 22° to 140° F (- 30° to 60° C), 5%RH~90%RH
	DIMENSIONS (W x D x H)	8.9 x 13.2 x 4.5 in. (226 x 336 x 114 mm)
	WEIGHT	10.1 lbs (4.6 kg)

OPTIONAL ACCESSORIES

Item Code No.	Description
1312B001AA	RS-LP03 Replacement Lamp
0151B001AA	RS-CL02 Ceiling Plate
0152B001AA	RS-CL03 Ceiling Pipe – 14.17 in.
0153B001AA	RS-CL04 Ceiling Pipe – 21.65 in.
0154B001AA	RS-CL05 Ceiling Pipe – 29.92 in.
1308B001AA	RS-CL06 Ceiling Mount Adapter
0610B001AA	RS-CA01 RS-232C Cable
1310B001AA	RS-NA01 Network Adapter

Complete Color Control

Your projection screen is your canvas with the REALiS SX60's impressive color control. An easy-to-use Graphical User Interface lets you adjust your palette of colors to paint the picture you want for your audience.

With Memory/Vivid Color Correction, you can adjust the degree of vividness of each of the primary colors (red, green, blue) and each of the secondary colors (cyan, magenta, yellow). Choose between low, medium, and high to project the image the way you remember it.

Plus, the projector's 6-Axis (RGBCMY) Color Adjustment lets you fine-tune the hue and saturation of each of the primary and secondary colors. This high degree of control makes each projected image a masterpiece.

Flexible Compatibility

Digital RGB Input/ Analog RGB Output (DVI-I)
Stereo Audio Input
Analog / Component Input
S-Video Terminal
Mini DIN 8 Pin (RS-232C)
Monitor Output
Video Input
USB Port (mouse control)

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For more info:
Call 1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com

0154W960

DICOM SIMULATION MODE
FOR MEDICAL IMAGING

Canon offers a full line of projectors ideal for those in the medical education and training fields. Each model features Canon's special DICOM Simulation Mode which allows for the viewing of monochrome digital X-Rays, CAT Scans and MRI's with accurate color and precise detail. This mode simulates the results of devices compliant with the Digital Imaging and Communications in Medicine (DICOM) Part 14 standard.*

REALiS WUX5000 D
REALiS WUX4000 D

- ► DICOM Simulation Mode
- ► Native WUXGA Resolution (1920 x 1200)
- ► Three Projection Lens Options
- ► 5000 Lumens / 4000 Lumens
- ► AISYS-enhanced LCOS Technology
- ► Motorized Lens Shift for Flexible Installation
- ► Versatile Connectivity (HDMI and DVI-D)
- ► RJ-45 Connection for Remote Network Operation

REALiS WX6000 D

- ► DICOM Simulation Mode
- ► Native WXGA+ Resolution (1440 x 900)
- ► New LCOS Panels with 96% Aperture Ratio
- ► Three Projection Lens Options
- ► 5700 Lumens
- ► Improved AISYS 4.1 Technology
- ► Outstanding White Balance
- ► Improved Energy Efficiency
- ► Versatile Connectivity (HDMI and DVI-I)
- ► RJ-45 Connection for Remote Network Operation

REALiS SX6000 D

- ► DICOM Simulation Mode
- ► Native SXGA+ Resolution (1400 x 1050)
- ► New LCOS Panels with 96% Aperture Ratio
- ► Three Projection Lens Options
- ► 6000 Lumens
- ► Improved AISYS 4.1 Technology
- ► Outstanding White Balance
- ► Improved Energy Efficiency
- ► Versatile Connectivity (HDMI and DVI-I)
- ► RJ-45 Connection for Remote Network Operation

REALiS WUX10 Mark II D

- ► DICOM Simulation Mode
- ► Native WUXGA Resolution (1920 x 1200)
- ► 3200 Lumens
- ► AISYS-enhanced LCOS Technology
- ► Genuine Canon 1.5x Powered Zoom Lens
- ► Versatile Connectivity (HDMI and DVI-I)
- ► RJ-45 Connection for Remote Network Operation

REALiS SX7 Mark II D

- ► DICOM Simulation Mode
- ► Native SXGA+ Resolution (1400 x 1050)
- ► 4000 Lumens
- ► AISYS-enhanced LCOS Technology
- ► Genuine Canon 1.7x Powered Zoom Lens
- ► Versatile Connectivity (DVI-I)

REALiS SX80 Mark II D

- ► DICOM Simulation Mode
- ► Native SXGA+ Resolution (1400 x 1050)
- ► 3000 Lumens
- ► AISYS-enhanced LCOS Technology
- ► Genuine Canon 1.5x Powered Zoom Lens
- ► Versatile Connectivity (HDMI and DVI-I)
- ► RJ-45 Connection for Remote Network Operation

Canon

*The REALiS WUX5000 D, REALiS WUX4000 D, REALiS WX6000 D, SX6000 D, WUX10 Mark II D, SX7 Mark II D, and SX80 Mark II D projectors are not cleared or approved for medical diagnosis and should not be used for these purposes.

REALiS WUX5000 D / WUX4000 D / WX6000 D / SX6000 D / WUX10 Mark II D / SX7 Mark II D / SX80 Mark II D

SPECIFICATIONS

	ITEM NAME		REALiS WUX5000 D	REALiS WUX4000 D	REALIS WX6000 D	REALIS SX6000 D	REALIS WUX10 MARK II D	REALIS SX7 MARK II D	REALIS SX80 MARK II D
	ITEM CODE		5748B008	4964B005	5757B013	5749B013	4231B005	4233B008	4232B005
BASIC	IMAGING DEVICE		0.7" LCOS Reflective LCD Panels x 3		0.70" LCOS Reflective LCD panels x 3	0.72" LCOS Reflective LCD Panels x 3	0.7" LCOS Reflective LCD Panels x 3	0.7" LCOS Reflective LCD Panels x 3	0.55" LCOS Reflective LCD Panels x 3
	ASPECT RATIO		16:10		16:10	4:3	16:10	4:3	4:3
	NATIVE RESOLUTION		1920 x 1200 (WUXGA)		1440 x 900 (WXGA+)	1400 x 1050 (SXGA+)	1920 x 1200 (WUXGA)	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)
	BRIGHTNESS		5000 Lumens	4000 Lumens	5700 Lumens	6000 Lumens	3200 Lumens	4000 Lumens	3000 Lumens
	UNIFORMITY		88%		88%	88%	88%	88%	88%
	CONTRAST RATIO		1000:1		1000:1	1000:1	1000:1	1000:1	900:1
	LENS SHIFT *The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.*	VERTICAL	Standard Zoom Lens: Down 15% ~ Up 55% Long Focus Zoom Lens: Down 15% ~ Up 55% Ultra Wide-Angle Lens: Down 5% ~ Up 5%		Standard / Long Focus Zoom Lenses: Down 15% ~ Up 55% Ultra Wide-Angle Lens: Down 5% ~ Up 5%	Standard / Long Focus Zoom Lenses: Down 12% ~ Up 50% Ultra Wide-Angle Lens: Down 5% ~ Up 5%	N / A	N / A	N / A
		HORIZONTAL	Standard Zoom Lens: Left 10% ~ Right 10% Long Focus Zoom Lens: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%		Standard / Long Focus Zoom Lenses: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%	Standard / Long Focus Zoom Lenses: Left 10% ~ Right 10% Ultra Wide-Angle Lens: Left 2% ~ Right 2%	N / A	N / A	N / A
	KEYSTONE CORRECTION	VERTICAL	Standard Zoom Lens: - 11° / + 20° Long Focus Zoom Lens: ± 20° Ultra Wide-Angle Lens: ± 13°		± 20°	± 20°	± 20° (Auto/Manual)	± 20° (Auto/Manual)	± 20° (Auto/Manual)
		HORIZONTAL	Standard Zoom Lens: ± 20° Long Focus Zoom Lens: ± 20° Ultra Wide-Angle Lens: ± 20°		± 20°	± 20°	± 20° (Manual)	± 20° (Manual)	N / A
IMAGE ADJUSTMENTS	IMAGE MODE		PC: DICOM SIM Mode, Standard, Presentation, Vivid Photo, Users (1-5) Video: Dynamic, Photo/sRGB/Video, Cinema, User (1-5)		Standard, Presentation, Vivid Photo, Photo/sRGB, DICOM SIM (WX6000 D only), Dynamic, Video, Cinema, User 1-5	Standard, Presentation, Vivid Photo, Photo/sRGB, DICOM SIM (SX6000 D only), Dynamic, Video, Cinema, User 1-5	DICOM SIM Mode, Standard, Presentation, Movie, sRGB, Photo	DICOM SIM Mode, Standard, Presentation, Movie, Photo, Adobe RGB, sRGB	DICOM SIM Mode, Standard, Presentation, Movie, sRGB, Photo
	COLOR ADJUSTMENTS		Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)		Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)	Color (Level, Temperature, Balance) Gain & Offset (Red, Green, Blue)	6-Axis Color Adjustment	6-Axis Color Adjustment	6-Axis Color Adjustment
	MOUNTING		Ceiling / Rear / Rear-Ceiling / Upwards / Downwards		Ceiling, Rear, Rear-Ceiling, Upward, Downward	Ceiling, Rear, Rear-Ceiling, Upward, Downward	Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling
	TILT ANGLE		Adjusting feet up to 6 degrees		Adjustable feet up to 6 degrees	Adjustable feet up to 6 degrees	Adjusting feet up to 10 degrees	Adjusting feet up to 10 degrees	Adjusting feet up to 10 degrees
INPUT SIGNALS	DIGITAL PC INPUT		WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA		UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA WXGA / XGA / SVGA / VGA	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	ANALOG INPUT		WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA		UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA	WUXGA / UXGA / WSXGA+ / SXGA+ / WSXGA / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	SCANNING FREQUENCY		H:15~75 kHz, V:50~60 Hz	H:15~75 kHz, V:50~85 kHz	H:15.625~75 KHz V:50~60.317 Hz	H:15.625~75 KHz V:50~60.317 Hz	H:15~75 kHz V:50~85 Hz	H:15~100 kHz V:50~100 Hz	H:15~75 kHz V:50~85 Hz
	DOT CLOCK		162 MHz or less		162 MHz or less	162 MHz or less	170 MHz or less	170 MHz or less	170 MHz or less
	VIDEO INPUT		N/A		N/A	N/A	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	DIGITAL VIDEO INPUT		1080p / 1080i / 720p / 576p / 480p		1080p / 1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p / 480p	1080i / 720p / 576p / 480p	1080p / 1080i / 720p / 576p/ 480p
	COMPONENT INPUT		1080p / 1080i / 720p / 576p / 480p / 480i		1080p / 1080i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i	1080i / 1035i / 720p / 576p / 576i / 480p / 480i	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
TERMINALS	INPUT	DVI-D 24PIN	Digital RGB Input		N/A	N/A	N / A	N / A	N / A
		DVI-I 29PIN	N/A		Analog PC / Digital PC input	Analog PC / Digital PC input	Digital PC Input / Analog PC Input / Digital Video Input	Digital PC Input / Analog PC Input / Digital Video Input	Digital PC Input / Analog PC Input / Digital Video Input
		HDMI	Version 1.3 Deep Color Digital RGB / Digital Video Input		Version 1.3 Deep Color Digital PC / Digital Video Input	Version 1.3 Deep Color Digital PC / Digital Video Input	Version 1.3 Deep Color Digital Video Input	N / A	Version 1.3 Deep Color Digital Video Input
		MINI D-SUB 15PIN	Analog PC / Component Video Input		Analog PC / Component Video Input	Analog PC / Component Video Input	Analog PC Input x 1	Analog PC Input x 2	Analog PC Input x 2 / 5-BNC
		RCA	N/A		N/A	N/A	Composite Video Input	Composite Video Input	Composite Video Input
		MINI JACK	Stereo Audio Input x 2		Stereo Audio Input x 2	Stereo Audio Input x 2	Stereo Audio Input x 3	Stereo Audio Input x 3	Stereo Audio Input x 3
	OUTPUT	MINI D-SUB 15PIN	N/A		N/A	N/A	N / A	Analog PC Output	Analog PC Output
		MINI JACK	Stereo Audio Output x 1		Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1	Stereo Audio Output x 1
	CONTROL	D-SUB 9 PIN	RS-232C		RS-232C	RS-232C	RS-232C	RS-232C	RS-232C
		RJ-45	Yes		Yes	Yes	Yes	N / A	Yes
	BUILT-IN SPEAKER		5W (Mono)		5W (Mono)	5W (Mono)	1W (Mono)	1W (Mono)	1W (Mono)
LAMP	LAMP	TYPE	330W NSH (AC)	310W NSH (AC)	330W NSH (AC)	330W NSH (AC)	275W NSH (AC)	275W NSH (AC)	230W NSH (AC)
		LAMP LIFE	3000 Hours (Normal)	3000 / 4000 Hours (Normal/Quiet)	3000 Hours	3000 Hours	2000 / 3000 Hours (Normal / Quiet)	2000 / 3000 Hours (Normal / Quiet)	2000 / 2500 Hours (Normal / Quiet)
REMOTE CONTROL	REMOTE CONTROL	SENSOR	Wireless Infrared, Front / Back		Wireless Infrared, Front/Back Wired Remote Control Connection	Wireless Infrared, Front/Back Wired Remote Control Connection	Wireless Infrared, Front / Back	Wireless Infrared, Front / Back	Wireless Infrared, Front / Back
		MOUSE	N / A		N/A	N/A	N / A	Mouse Control Receiver (USB)	N / A
RATINGS	FAN NOISE		40 (Normal)	39 / 36 dB (Normal / Quiet)	40dB	40dB	36 / 32 dB (Normal / Quiet)	35 / 31 dB (Normal / Quiet)	35 / 31 dB (Normal / Quiet)
	POWER	CONSUMPTION	450W (Normal) 0.35W (Stand-by with LAN off)	410W (Normal) 365W (Quiet) 0.35W (Stand-by with LAN off)	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)	435W / 1.7W (Standby) / 0.35W (Standby with LAN off)	400W (Normal) / 330W (Quiet) / 11W (Stand-by with LAN off)	360W (Normal) / 290W (Quiet) / 7W (Stand-by)	330W (Normal) / 270W (Quiet) / 15W (Stand-by)
		VOLTAGE	AC 100~240V, 50 / 60Hz		AC100 ~ 240V, 50 / 60 Hz	AC100 ~ 240V, 50 / 60 Hz	AC 100~240V, 50 / 60Hz	AC 100 to 240V, 50 / 60Hz	AC 100 to 240V, 50 / 60Hz
	TEMPERATURE	OPERATING	41° to 95° F (5° to 35° C)		41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)	41° to 95° F (5° to 35° C)
		STORAGE	14° ~ 140° F (-10° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30°~ 60° C), 5%RH ~ 90%RH	14° ~ 140° F (-10° ~ 60° C)	14° ~ 140° F (-10° ~ 60° C)	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH	-22° ~ 140° F (-30° ~ 60° C), 5%RH ~ 90%RH
	DIMENSIONS (W X D X H)		15.0 x 16.9 x 6.7 in. (381 x 430 x 170 mm) without lens		15 x 6.7 x 16.9 in. (without lens, including protruding parts)	15 x 6.7 x 16.9 in. (without lens, including protruding parts)	11.2 x 13.2 x 4.5 in. (284 x 336 x 114 mm)	10.5 x 13.2 x 4.5 in. (226 x 336 x 114 mm)	13.0 x 13.4 x 4.8 in. (332 x 340 x 121 mm)
	WEIGHT		18.7 lbs. (8.5 kg) without lens		18.74 lb. (without lens)	18.74 lb. (without lens)	10.9 lbs (4.94 kg)	10.6 lbs (4.8 kg)	11.5 lbs (5.2 kg)

For more info: Call 1-800-OK-CANON (1-800-652-2666)
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0154W956

LV-8235 ULTRA-SHORT THROW PROJECTOR

Superb Imaging Performance and Flexibility

The Canon LV-8235 UST (ultra-short throw) projector features outstanding imaging performance, 2500 lumens and one of the shortest projection throws available on the market. The LV-8235 UST projector can project an 80-inch image from as little as 1.04 feet away, enabling users the freedom to install the device in a variety of locations, including on a desktop or the floor. Ideal for use in educational or business environments, the ultra-short throw distance enables presenters to stay out of the projection, thus preventing shadows from being cast or the light from getting into their eyes. The built-in 10W speaker is also the ideal volume for classrooms or boardrooms. With Auto Set and Auto PC adjustment features, setup is quick and easy. The LV-8235 UST projector features native WXGA resolution (1280 x 800 at 16:10 ratio), a standard resolution found on many widescreen laptops, and a high contrast ratio of 2000:1 which combine to deliver crisp, vivid images with deep blacks. Other advanced features include 3D support (when viewed with active-shutter 3D glasses) as well as an HDMI input which allows for the projection of high quality digital images and high definition 1080p signals.

Key Features

- ▶ Native WXGA (1280 x 800) Resolution
- ▶ 2500 Lumens
- ▶ Ultra-Short Throw
- ▶ 2000:1 Contrast Ratio
- ▶ DLP Technology
- ▶ 3D Support
- ▶ HDMI Input
- ▶ Closed Captioning
- ▶ Wall Color Setting
- ▶ 10-Watt Speaker
- ▶ Network Connectivity
- ▶ Quiet Operation

The LV-8235 UST projector is configured to project from a range of digital and widescreen sources.

Recommended For:

- ▶ Classrooms
- ▶ Showrooms
- ▶ Small Meeting Rooms
- ▶ Art Galleries
- ▶ Museums
- ▶ Small Theaters
- ▶ Retail

LV-8235 UST

Canon

LV-8235 Ultra-Short Throw Projector

**PRODUCT NAME: LV-8235 UST   ITEM CODE: 5805B002   UPC CODE: 013803143263**

SPECIFICATIONS

BASIC	IMAGING DEVICE	0.65" single-chip DLP
	ASPECT RATIO	16:10
	NATIVE RESOLUTION	WXGA (1280 x 800)
	BRIGHTNESS	2500 Lumens
	UNIFORMITY	78%
	CONTRAST	2000:1
	KEYSTONE — VERTICAL	± 5 degrees (Auto / Manual)
	KEYSTONE — HORIZONTAL	No
OPTICS	PROJECTION LENS	F2.5, f=4.83 mm
	ZOOM	0.5x - 2x Digital Zoom (Fixed)
	FOCUS	Manual
	SCREEN SIZE	60"-110"
	THROW DISTANCE	0.75-1.49 ft (23.0-45.5 cm) 80" inch image: 1.04 ft (32.0 cm)
	THROW RATIO	0.19:1
IMAGE ADJUSTMENTS	IMAGE MODE	Standard, Presentation, High Contrast, Cinema, user 1-4
	COLOR ADJUST	Yes
	WALL COLOR CORRECTION	Supports red, blue, yellow, green, blackboard green
	MOUNTING	Ceiling / Rear / Rear-Ceiling / Upwards / Downwards / Wall
	TILT ANGLE	Adjustable Front Feet
INPUT SIGNALS	SCANNING FREQUENCY	H:15-106 kHz, V:24-120 Hz
	ANALOG PC INPUT	WUXGA / UXGA / WSXGA+ / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA / MAC
	DIGITAL PC INPUT	WSXGA+ / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA
	DOT CLOCK	Less than 150 MHz
	ANALOG VIDEO INPUT	NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
	COMPONENT VIDEO INPUT	1080i / 720p / 576p / 576i / 480p / 480i
	DIGITAL VIDEO INPUT	1080p / 1080i / 720p / 576p / 576i / 480p

TERMINALS

INPUT	ANALOG PC INPUT	Mini D-Sub 15PIN (VGA)
	DIGITAL PC INPUT	HDMI
	ANALOG VIDEO INPUT	Mini D-Sub 15 PIN (Component) / Mini DIN4 (S-Video) / RCA (Composite)
	DIGITAL VIDEO INPUT	HDMI
	USB	No
	AUDIO INPUT	3.5 mm (Stereo)
OUTPUT	ANALOG PC OUTPUT	Mini D-Sub 15PIN (VGA)
	AUDIO OUTPUT	3.5 mm (Stereo)
	3D TRIGGER OUTPUT	Mini DIN3 (3D Sync)
CONTROL	SERIAL	9 PIN D-Sub (RS-232C)
	NETWORK	RJ-45
REMOTE CONTROL	WIRELESS REMOTE	Wireless Infrared

BUILT-N SOUND	SPEAKER	10W (Mono)
LAMP	TYPE	275W NSH (AC)
	LAMP LIFE (NORMAL/QUIET)	2000 / 3000 Hours
	LAMP POWER (NORMAL / ECO)	275W / 220W
RATINGS	FAN NOISE (NORMAL/QUIET)	36dB / 28dB
	POWER — CONSUMPTION	400W (Normal) / 320W (Eco) 10.3W (Stanby-Normal) / 0.47W (Stanby-Eco)
	POWER — VOLTAGE	AC 100-240V, 50/60 Hz
	TEMPERATURE — OPERATING	41°-104°F (5°-40°C), 20-80% RH
	TEMPERATURE — STORAGE	14°-140°F (-10°-60°C)
	DIMENSIONS (W X D X H)	12.6 x 7.0 x 15.2 in. (320 x 178 x 386 mm) (with protrusions)
	WEIGHT	13.7 lbs (6.2 kg)
PACKAGING	BOX (QUANTITY = 1) — DIMENSIONS (L x W x H)	19.8" x 18" x 14.6"
	BOX (QUANTITY = 1) — WEIGHT	21.9 lbs
	CARTON (QUANTITY = 1) — DIMENSIONS (L x W x H)	19.8" x 18" x 14.6"
	CARTON (QUANTITY = 1) — WEIGHT	21.9 lbs
	PALLET (QUANTITY = 12) — DIMENSIONS (L x W x H)	48" x 40" x 49.8"
	PALLET (QUANTITY = 12) — WEIGHT	262.8 lbs

OPTIONAL ACCESSORIES

Item Code No.	Description
9270A001	Component Adapter Cable LV-CA32
5810B001	Wall Mount Kit LV-WL01
5811B001	Remote Control LV-RC05
5806B001	Replacement Lamp LV-LP36

PROJECTION IMAGE SIZE AND THROW DISTANCE

Screen

Projection Image Size
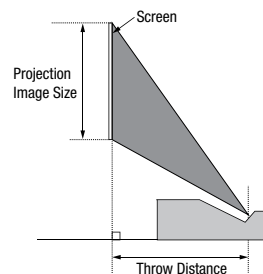
Throw Distance

Projection Image Size		Throw Distance
Diagonal (16:9)	Image Size (W x H)	
60 in.	4.24 x 2.65 ft.	0.75 ft.
74.6 in.	5.28 x 3.3 ft.	0.97 ft.
80 in.	5.65 x 3.53 ft.	1.04 ft.
110 in.	7.77 x 4.86 ft.	1.49 ft.

APPLICATION EXAMPLES
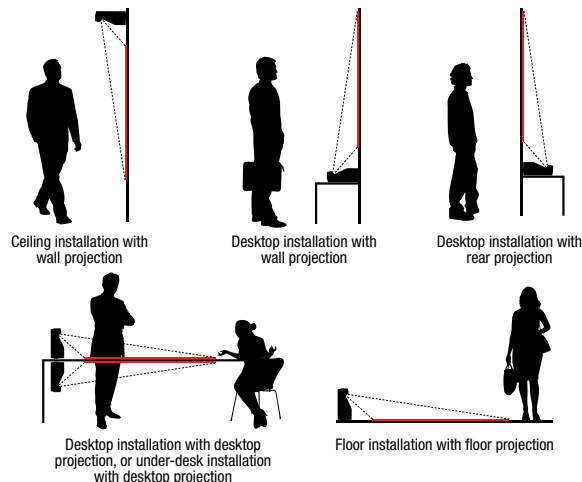
Ceiling installation with wall projection

Desktop installation with wall projection

Desktop installation with rear projection

Desktop installation with desktop projection, or under-desk installation with desktop projection

Floor installation with floor projection

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Call 1-800-OK-CANON (1-800-652-2666)
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LV SERIES MULTIMEDIA LCD PROJECTORS

Compact Easy-to-Use

Canon's LV Series Multimedia LCD Projectors deliver vivid image quality with high-end features at affordable prices. Models include the high brightness 4000 lumen LV-7490 to the 16:10 widescreen native WXGA-resolution LV-8320 and LV-8227A. All LV Series projectors are ideal for presenters seeking to display bright, high quality images and videos with a compact, portable form factor.

LV-8320
► Native WXGA Resolution (1280 x 800)
► 3000 lumens
► 1.6x Optical Zoom Lens
► HDMI Input
► Built-in Network Connection

LV-8227A
► Native WXGA Resolution (1280 x 800)
► 2500 lumens
► 1.2x Optical Zoom Lens
► HDMI Input
► 3000:1 Contrast Ratio

LV-7490
► Native XGA Resolution (1024 x 768)
► 4000 lumens
► 1.2x Optical Zoom Lens
► 2000:1 Contrast Ratio
► Built-in Network Connection

LV-7392A
► Native XGA Resolution (1024 x 768)
► 3000 lumens
► 1.2x Optical Zoom Lens
► HDMI Input
► 2000:1 Contrast Ratio

LV-7297M
► Native XGA Resolution (1024 x 768)
► 2600 lumens
► 1.2x Optical Zoom Lens
► HDMI Input
► 500:1 Contrast Ratio

LV-7292M
► Native XGA Resolution (1024 x 768)
► 2200 lumens
► 1.2x Optical Zoom Lens
► HDMI Input
► 500:1 Contrast Ratio

Canon

LV-8320 / LV-8227A / LV-7490 / LV-7392A / LV-7297M / LV-7292M

PRODUCT NAME (ITEM CODE) LV-8320 (5320B002) / LV-8227A (6830B002) / LV-7490 (5315B002) / LV-7392A (6827B002) / LV-7297M (6831B002) / LV-7292M (6832B002)

SPECIFICATIONS

			LV-8320 / LV-8227A	LV-7490	LV-7392A / LV-7297M / LV-7292M
BASIC	PRODUCT NAME		LV-8320 / LV-8227A	LV-7490	LV-7392A / LV-7297M / LV-7292M
	IMAGING DEVICE		0.59" Active Matrix x 3	0.63" Active Matrix x 3	LV-7392A: 0.63" Active Matrix x 3 LV-7297M & LV-7292M: 0.55" Active Matrix x 3
	ASPECT RATIO		16 : 10	4 : 3	4 : 3
	NATIVE RESOLUTION		WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)
	BRIGHTNESS		LV-8320: 3000 Lumens LV-8227A: 2500 Lumens	4000 Lumens	LV-7392A: 3000 Lumens LV-7297M: 2600 Lumens LV-7292M: 2200 Lumens
	UNIFORMITY		85%	85%	85%
	CONTRAST RATIO		LV-8320: 2000:1 LV-8227A: 3000:1 (Auto Iris)	2000:1	LV-7392A: 2000:1 LV-7297M & LV-7292M: 500:1
	AUTO IRIS		LV-8320: Yes LV-8227A: Yes	Yes	LV-7392A: Yes LV-7297M/7292M: No
OPTICS	KEYSTONE	VERTICAL	± 30 degrees (Manual) ± 20 degrees (Auto)	± 30 degrees (Manual) ± 20 degrees (Auto)	± 30 degrees (Manual) ± 20 degrees (Auto)
	PROJECTION LENS		LV-8320: F1.65 - 2.33 / f=15.47 - 24.53 mm LV-8227A: F2.0 - 2.15 / f=18.38 - 22.06 mm	F1.6 - 1.76, f= 22.3 - 26.8 mm	F2.0 - 2.15, f= 18.38 - 22.06 mm
	LENS OFFSET		LV-8320: 49:1, LV-8227A: 13:1	9:1	6:1
	ZOOM		LV-8320: 1.6 x Zoom (Manual) LV-8227A: 1.2 x Zoom (Manual)	40" - 300"	40" - 300"
	FOCUS		Manual	Manual	Manual
	SCREEN SIZE		LV-8320: 30" - 300" LV-8227A: 40" - 300"	1.2 x Zoom (Manual)	1.2 x Zoom (Manual)
	PROJECTION DISTANCE COVER		LV-8320: 2.43 - 25.16 ft. (.74 to 7.67m) LV-8227A: 3.9 - 36.4 ft. (1.2 – 11.1m)	4.59 - 41.66 ft (1.4 - 12.7 m)	LV-7392A: 3.6 - 34.5 ft (1.1 - 10.5 m) LV-7297M & LV-7292M: 4.3 - 38.7 ft (1.3 - 11.8 m)
IMAGE ADJUSTMENTS	THROW RATIO		LV-8320: 1.18 - 1.91:1 LV-8227A: 1.42 – 1.71:1	1.75 - 2.13:1	LV-7392A: 1.42 – 1.71:1 LV-7297M & LV-7292M: 1.6 – 1.93:1
	IMAGE MODES		Presentation, Standard, High Contrast, Cinema, Blackboard (Green), Colorboard, User 1-4	Presentation, Standard, High Contrast, Cinema, Blackboard (Green), Colorboard, User 1-4	Presentation, Standard, High Contrast, Cinema, Blackboard (Green), Colorboard, User 1-4
	WALL CORRECTION		Yes	Yes	Yes
	IMAGE FLIP		Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling	Ceiling / Rear / Rear-Ceiling
	TILT ANGLE		12 degrees for LV-8320 10 degrees for LV-8227A	Adjusting foot up to 12 degrees	Adjusting foot up to 10 degrees
INPUT SIGNALS	DIGITAL PC INPUT		HDMI	N/A	HDMI
	ANALOG PC INPUT		WUXGA / UXGA / SXGA+ / SXGA / WXGA+ / WXGA / XGA / SVGA / VGA / MAC	WUXGA / UXGA / SXGA+ / SXGA / WXGA+ / WXGA / XGA / SVGA / VGA / MAC	WUXGA / UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA / MAC
	COMPOSITE / S-VIDEO INPUT		NTSC / PAL / SECAM / NTSC4 43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4 43 / PAL-M / PAL-N	NTSC / PAL / SECAM / NTSC4 43 / PAL-M / PAL-N
	COMPONENT INPUT		1080i / 720p / 576p / 576i / 480p / 480i	1080i / 720p / 576p / 576i / 480i	1080i / 720p / 576p / 576i / 480p / 480i
	DIGITAL VIDEO INPUT		HDMI	N/A	HDMI
TERMINALS	INPUT	MINI D-SUB 15PIN-1	Analog RGB / Component Video / S Video Input	Analog RGB / Component Video / SCART Input	Analog RGB / Component Video / S Video Input
		MINI D-SUB 15PIN-2	Analog RGB Input (LV-8320 only)	Analog RGB Input	N/A
		RCA	Composite Video Input	Composite Video Input	Composite Video Input
		MINI DIN 4PIN	S-Video Input (LV-8320 only)	S-Video Input	N/A
		MINI-JACK	Stereo Audio Input x 2 / MIC Input	Stereo Audio Input x 2 / MIC Input	Stereo Audio Input x2 / MIC Input
	OUTPUT	MINI D-SUB 15PIN	Analog RGB Input (LV-8320 only)	Analog RGB Output	N/A
		MINI-JACK	Stereo Audio Output	Stereo Audio Output	Stereo Audio Output
	CONTROL	D-SUB 9PIN	RS-232C	RS-232C	RS-232C
		NETWORK	RJ-45	RJ-45	LV-7392A: RJ-45 LV-7297M: N/A, LV-7292M: N/A
LAMP	BUILT-IN SPEAKER		10W (Mono)	10W (Mono)	1W (Mono)
	TYPE		LV-8320: 245 UHP LV-8227A 215 UHP	245W UHP (AC)	215W UHP
RATINGS	LAMP LIFE (NORMAL / QUIET)		LV-8320: 3000 / 5000 hours LV-8227A: 4000 / 6000 hours	3000 / 5000 hours	4000 / 6000 hours
	FAN NOISE		LV-8320: 34 (Normal) / 29 (Eco) LV-8227A: 36.4 (High) / 34.4 (Normal) / 29 dB (Eco)	N/A	36.4 (High) / 34.4 (Normal) / 29 dB (Eco
	DIMENSIONS (W x D x H)		LV-8320: 13.77 X 10.90 X 3.8 in. (350 x 277 x 97 mm) LV-8227A: 13.13 x 9.72 x 3.98 in. (333.5 x 247 x 101 mm)	13.77 x 10.01 x 3.44 in. (350 x 254.4 x 87.5 mm)	13.13 x 9.72 x 3.98 in. (333 x 247 x 101 mm)

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0154W964

Image Courtesy of Sam Morales.

Canon REALiS WUX4000 Installation LCOS Projectors and XF305 Professional HD Camcorders Create Value for a University's Video Display and Capture Requirements

Set amid the majestic hills of Aliso Viejo, Calif., Soka University is a private four-year liberal arts college and graduate school. Among the many impressive buildings on its picturesque 103-acre campus is the new Soka Performing Arts Center. Designed and built to the highest standards, the Center is one of three campus locations recently outfitted with REALiS WUX4000 installation LCOS projectors from Canon U.S.A., Inc., a leader in digital imaging solutions. Displaying bright 4000-lumen higher-than-HD-resolution (1920 x 1200) widescreen 16:10 video and still images, a total of four REALiS WUX4000 projectors are used to present a variety of visual content at this prestigious University.

"The Soka Performing Arts Center is a stunning space both visually and acoustically," noted Sam Morales, associate technical service manager at the University. "We wanted to have a zero-compromise facility in terms of the equipment that we put into that space, and that's why we chose Canon REALiS WUX4000 projectors."

Initially discouraged by the cost of large-venue projectors for the 1200-seat Soka Performing Arts Center, Morales and his team looked instead for a display solution for the smaller 180-seat black-box theater in the Academic Building. Their search led them to the Canon REALiS WUX4000

Industry

► Education

Customer

► Soka University

Usage

► Video Presentation and Production

REALiS WUX4000 / **XF305**

Canon

installation LCOS projector, which proved to be the right choice for both venues.

"I was skeptical that the Canon REALiS WUX4000 would even work in the black box theater, since it didn't even have a projection screen in it," he recalled. "What it does have is an almost transparent cyclorama with a non-reflective surface. But when we fired-up the REALiS WUX4000 and saw how it looked, we were amazed. The pictures were really sharp even though we intentionally used dark imagery to see what kind of detail we could get out of the projector. The results were so good that we felt immediately compelled to purchase one for that theater."

Impressed with the performance of the Canon REALiS WUX4000, Morales and his team also tested it in the Soka Performing Arts Center. What they saw resulted in their decision to purchase not one but three more of the projectors. Two are stacked in the Center and another was installed in a large classroom.

"Even from 100 feet away, one Canon REALiS WUX4000 projector can do the job in the Center with good HD quality with proper brightness and contrast," he said. "It's also quite a cost savings, when you consider that the projection lamp for the first large-venue projector we looked at cost almost as much as an entire REALiS WUX4000. There are absolutely no grids in the picture like you see with LCD projectors and the overall quality is fantastic."

Employing Canon's fourth-generation proprietary AISYS-enhanced LCOS optical engine, the REALiS WUX4000 projector delivers crisp, seamless images with intricate detail, high brightness, high contrast and accurate color. LCOS (Liquid Crystal on Silicon) is a next-generation display technology utilizing tightly packed pixels providing excellent image quality. Canon's proprietary AISYS (Aspectual Illumination System) technology further increases the display advantages of LCOS by efficiently utilizing and equalizing light from the projector lamp. Featuring an easy-access lamp, air filter, and optical filter, and a choice of three interchangeable Genuine Canon projection lenses to suit a variety of presentation environments, the REALiS WUX4000 also provides quiet operation.

"Acoustics are the primary focus of the hall and we found that we can actually put the Canon REALiS WUX4000 projector right in the middle of the seats and it doesn't bother anyone," Morales stated. Canon projection lenses chosen for Soka University's REALiS WUX4000's include a 1.7x long-focus zoom for the large classroom and a 1.5x zoom for the black box theater. Both lenses are used in the Soka Performing Arts Center, depending on which of its multiple projection screens are being used.
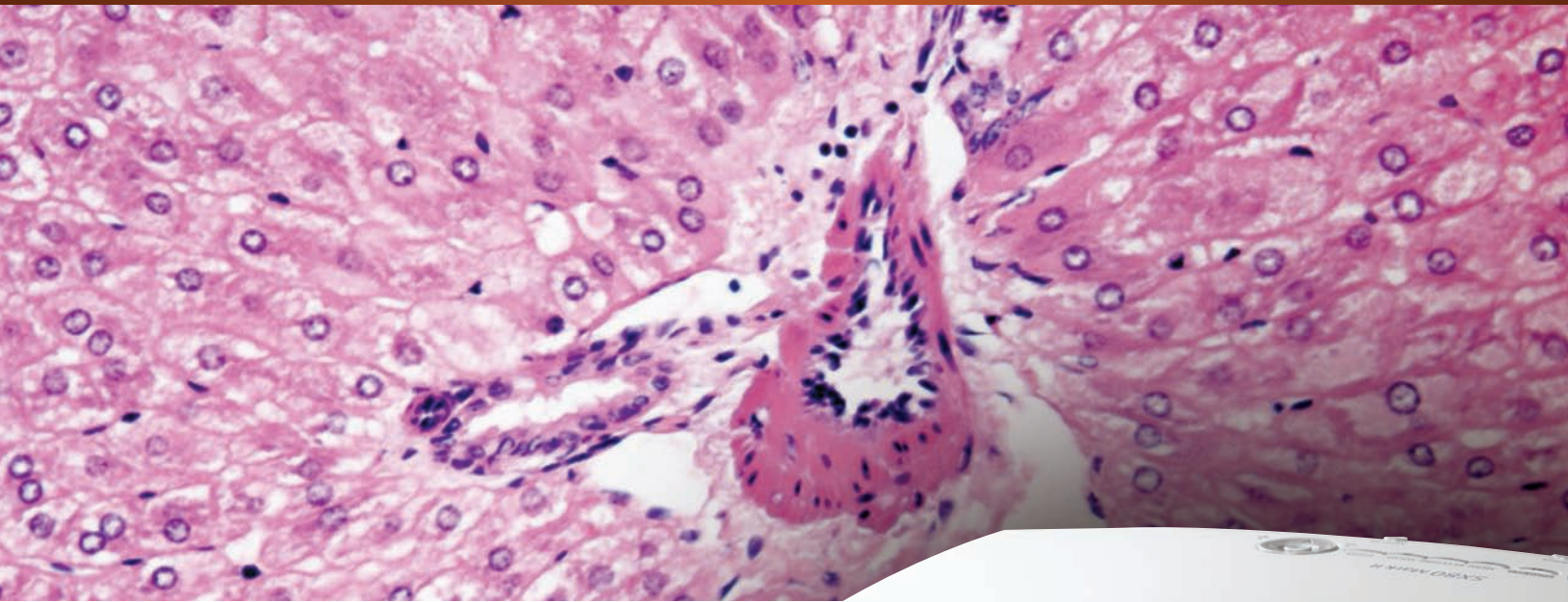
Versatile HD Video Capture

REALiS WUX4000 installation LCOS projectors aren't the only Canon professional imaging products being used at Soka University, Morales revealed. The institution also has ten Canon XF305 Professional HD Camcorders mounted on custom-made robotic arms in both the Center and the black box theater. Easily removable from their mounts, the XF305 Professional HD Camcorders are used for a variety of production tasks at the University.

"The Canon XF305 is actually designed for hand-held ENG-style shooting, but we also use them as robotic-style HD cameras," Morales explained. "In our custom mounts they can do everything that traditional robotic HD cameras can, and at a third of the price. They are fantastic HD cameras for performing arts centers and concert halls, where discretion is of the outmost importance. A larger HD camera would be too aesthetically cumbersome for those spaces."

The Canon XF305 Professional Camcorder records Full HD video directly to Compact Flash cards. Equipped with three high-sensitivity Canon native 1920 x 1080 CMOS sensors, the XF305 features a Genuine Canon 18x HD zoom lens with Instant AF and a Full Manual Focus mode with mechanical "hard" end stops and distance markers. Weighing just 6 lbs., the XF305 includes a 4-inch, 1.23-megapixel LCD monitor (with built-in waveform and vector scope display) that can be positioned at either the right or left side of the camera body. The XF305 also includes an industry-standard HD-SDI output, a genlock input, and SMPTE time code (in/out) terminals for multi-camera productions. Equipped with Canon's advanced MPEG-2 4:2:2 50Mbps XF Codec for exceptional image quality, the XF305 employs the MXF File Wrapper for robust workflow and compatibility with all leading non-linear editing systems.

"These Canon XF305 HD cameras are very versatile," Morales adds. "We can take them off of the robotic mounts and use them at different locations on campus. I keep one in my office and have taken it up in a helicopter to shoot aerial views. We also use them in our recreation center, where we hold our yearly gala. In the past we hired a crew with its own cameras. This year they used our Canon XF305 HD cameras and we saved thousands on rental fees."

Named after a Japanese word that means "to create value," Soka University's choice of image projection and capture technologies do much to fulfill that goal, according to Morales. ■

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UNC's Department of Radiation Oncology Trusts Canon REALiS SX80 Mark II D Projectors To Provide Accurate Color And Precise Detail For Important Medical Images

Accurate color and precise detail are crucial for analyzing medical imagery, as even the subtlest nuances can yield critical information in grayscale CT scans and other types of radiology. Among the many institutions scrutinizing such images on a regular basis is the University of North Carolina School of Medicine's Department of Radiation Oncology. When this advanced research center recently sought to upgrade its video-display capabilities with new, accurate, and affordable technology, they chose two REALiS SX80 Mark II D Multimedia LCOS Projectors from Canon U.S.A., Inc., a leader in digital imaging.

"The medical requirements for a good projector are that it provides very accurate color representation, stable images, readable small print, and very quiet operation," noted Dr. Julian Rosenman, of the University's department of Radiation Oncology. "On all of these aspects, we have been very pleased with the Canon REALiS SX80 Mark II D."

Industry

► Education

Customer

► University of North Carolina Department of Radiation Oncology

Usage

► Medical Imaging
► Telemedicine
► Medical Education

REALiS SX80 Mark II

Canon

"We do a lot of tumor boards and telemedicine meetings in which doctors view medical images to make treatment decisions," Dr. Rosenman elaborated. "These images can range from color histology slides, to black & white CT scans displaying critical shades of gray, to everything in between. This is why the color accuracy of projected images is so important."

Utilizing two ceiling-mounted Canon REALiS SX80 Mark II D Projectors, the University's doctors and medical students display multiple sets of image data for dual-projection image comparison and analysis. The two projectors are also used for telemedicine as images displayed by the REALiS SX80 Mark II D Projectors and pictures of the doctors are captured by a video conferencing camera for live consultation with other medical professionals in distant locations. "Dual projection is a 'must' for patient review and for telemedicine," Dr. Rosenman explains. "Two different kinds of data are projected to confirm that they are compatible and correct with respect to each other. Image stability is also very important when you are comparing medical data. I don't know how Canon does it, but the REALiS SX80 Mark II D Projectors reject the jitter and 60-cycle interference caused by the other electrical equipment we've got going. With these REALiS projectors you don't see rolling bars or visible beat frequencies."

The DICOM Simulation Mode found on the Canon REALiS SX80 Mark II D has quickly made this product popular amongst medical educators. This special mode simulates the results of a DICOM (Digital Imaging and Communications in Medicine) Part 14 compliant device, which is a standardized display function for display of grayscale images. Canon's DICOM Simulation Mode allows users to calibrate directly on the projector
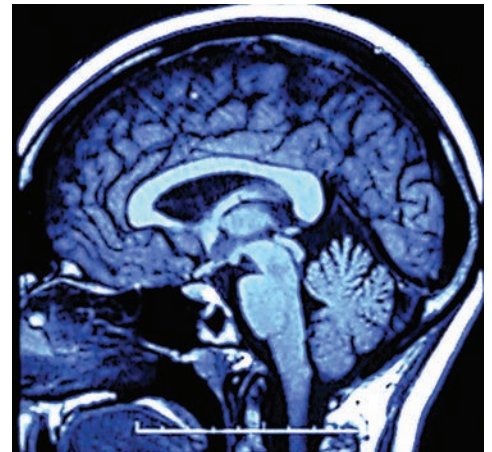
> **"We've had experience with a lot of projectors over the years, and we're very happy with the Canon REALiS SX80 Mark II D,"**
> **Dr. Rosenman concluded.**

> **"The medical requirements for a good projector are that it provides very accurate color representation, stable images, readable small print, and very quiet operation. On all of these aspects, we have been very pleased with the Canon REALiS SX80 Mark II D."**
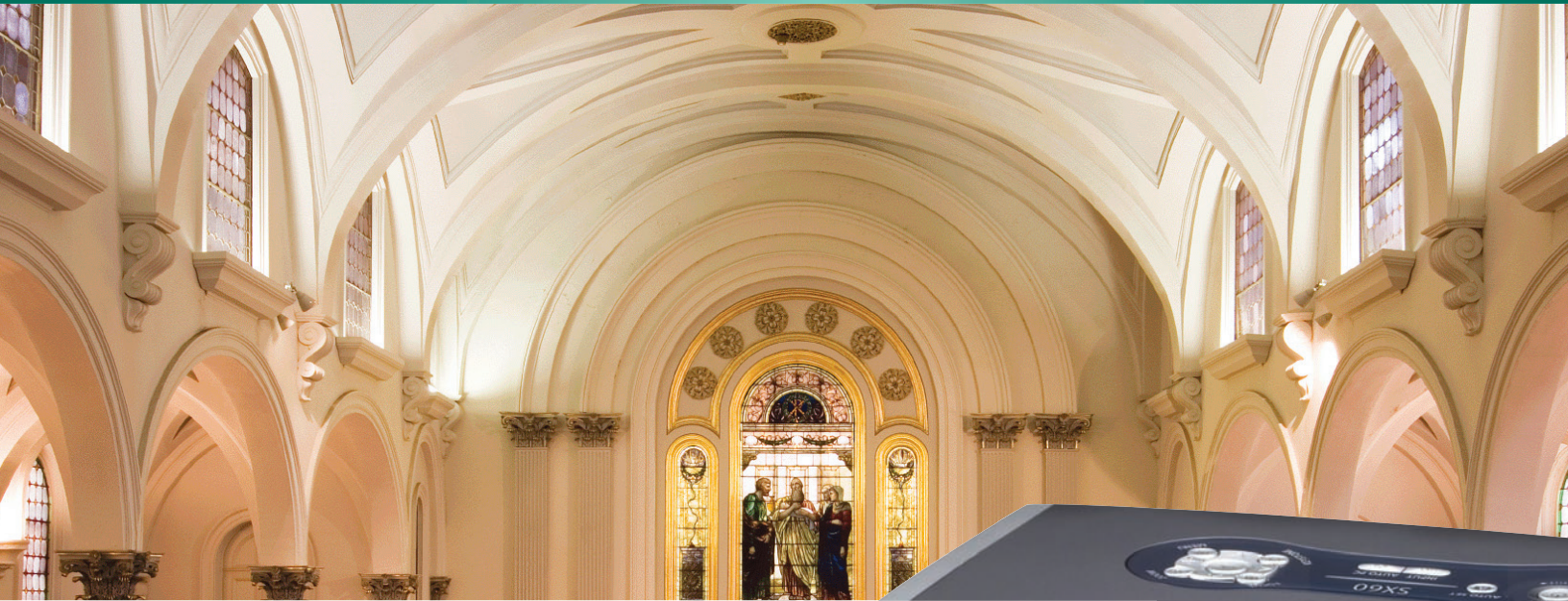
using 21 different levels of grayscale gradation - this is a key benefit as the purchase of additional equipment can be very costly.

The REALiS SX80 Mark II D Projector features Canon's advanced LCOS technology which is best known for producing intricately detailed images with exceptional color reproduction. "We are very pleased with the color accuracy of the REALiS SX80 Mark II D," Dr. Rosenman added. "It's annoying to give a talk with a PowerPoint presentation and see that the slides on the screen don't look the way they do on your laptop. With the REALiS projectors, however, the color fidelity is very true."

"We've had experience with a lot of projectors over the years, and we're very happy with the Canon REALiS SX80 Mark II D," Dr. Rosenman concluded. "These are the smallest, quietest, and most stable projectors we've ever had. They also don't throw off a lot of heat, which is important when you've got 20 people in the room."

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Canon U.S.A. REALiS SX60 Delivers Praiseworthy Images For The First Baptist Church Of Salt Springs, Florida

The old joke about being hit by divine lightning came frighteningly true at the First Baptist Church of Salt Springs, Florida. During a recent storm, lightning struck the church and damaged its projector beyond repair. Prompted by the calamity, the church embarked on a search for a new projector capable of displaying the words of hymns and the notes for sermons clearly enough for everyone in the 150-member congregation to read – and bright enough for them to do so without dimming the lights. Their quest eventually led them to choose the Canon REALiS SX60 Multimedia Projector.

"We have been a part of this community since 1950, and we have a very active senior citizen contingent of our congregation," explained Rebecca Henry, Ministry Assistant at the church. "We needed a projector that could display sermons and lyrics brightly and clearly enough so that everyone in the room could see them. The REALiS SX60 was exactly the right fit."

The heart of Canon's acclaimed line of REALiS Multimedia Projectors is its proprietary AISYS-enhanced LCOS (Liquid Crystal on Silicon) technology. LCOS is a next-generation reflective panel that provides lattice-free, seamless images with intricate detail, exceptional color, and brilliant clarity. Canon's innovative AISYS (Aspectual Illumination System) Optical Engine maximizes the

Industry

► Houses Of Worship

Customer

► First Baptist Church of Salt Springs

Usage

► Displays the words to hymns and notes for sermons

REALiS SX60

Canon

image-creation power of LCOS by regulating the light from the projection lamp for improved light efficiency, image uniformity, and expanded color space. In Canon's REALiS SX60 Multimedia Projector the result is SXGA+ (1400 x 1050) resolution, 2500 lumens of brightness, and a contrast ratio of 1000:1 (2000:1 in the REALiS SX60's Home Cinema Mode).

Canon's REALiS SX60 Multimedia Projector achieves clear display of large images, even in lighted indoor environments such as the First Baptist Church of Salt Springs, Florida. Additionally, the REALiS SX60 Multimedia Projector is exceptionally quiet for its class, so that congregants can hear the sermon clearly without distraction.

The brightness of the REALiS SX60 Multimedia Projector was a major plus, Henry explains. It meant that church services did not have to include dimmed lights when the lyrics of hymns were displayed. "We don't have to adjust the lights at all with the REALiS SX60," she remarked. "Neither the lights in the room or the daylight have had any effect on the projector. The image is much nicer than our previous projector, it fits perfectly with our auditorium, and it's very easy to adjust."

The REALiS SX60 Multimedia Projector's unparalleled color control features an easy-to-use Graphical User Interface that lets Henry adjust the palette of colors to "paint the picture" she wants for the congregation. With Memory/Vivid Color Correction, Henry can adjust the degree of vividness of each of the primary colors (red, green, blue) and each of the secondary colors (cyan, magenta, yellow). The REALiS SX60 Multimedia Projector's 6-axis (RGBCMY) Color Adjustment lets her fine-tune the hue and saturation of each of the primary and secondary colors. This high degree of control allows for exacting adjustment of each projected image.

For Henry, the REALiS SX60 Multimedia Projector was exactly what she needed to ensure that the entire congregation received the full benefit of the worship service experience. "The Canon REALiS SX60 Multimedia Projector has been a fantastic addition to our services, and we're considering getting a second one for our choir in the future," Henry concluded. "When we do our worship service, we like for everything to be clear, and that's exactly what we've gotten. The REALiS SX60 Multimedia Projector makes the service more enjoyable for everybody."

> "The Canon REALiS SX60 Multimedia Projector has been a fantastic addition to our services, and we're considering getting a second one for our choir in the future," Henry concluded. "When we do our worship service, we like for everything to be clear, and that's exactly what we've gotten. The REALiS SX60 Multimedia Projector makes the service more enjoyable for everybody."

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0161W835

Canon REALiS SX7 Delivers Clear, Sharp Display Of Software Code For Elsevier

Writing computer software requires exacting detail. Proofreading each letter, number, and symbol in the code and checking that it is correct requires a crisp, high-resolution display that a team of programmers can carefully review, line-by-line. Since there is no room for error, the Engineering Information Group of publishing giant Elsevier displays their code for peer review using a Canon REALiS SX7 Multimedia Projector. Featuring HD-quality SXGA+ resolution display of intricate type as small as 7-point, the use of this projector enables the division's entire team of programmers to view the software code as a group on a large-screen, in high-resolution detail.

"The crisp display from the REALiS SX7 made this job possible," explained Joel Bernstein, Director of Information Technology for Elsevier's Engineering Information Group. "It's a great way for our programmers to review the code together. The REALiS SX7 was perfect for our needs, and we're going to use it on every project."

Prior to acquiring the Canon REALiS SX7 Multimedia Projector, software programmers at Elsevier used plasma screens, but found the image clarity at small-font size was blurry and hard to read. Now, the intricately detailed display provided by the REALiS SX7 eliminates that challenge.

Industry
► Corporate

Customer
► Elsevier

Usage
► Software Peer Review

REALiS SX7

Canon

"It's a great way for our programmers to review the code together. The REALiS SX7 was perfect for our needs, and we're going to use it on every project."

Equipped with a Genuine Canon Optics 1.7x Wide Power Zoom Lens, the REALiS SX7 Multimedia Projector can deliver a diagonal screen size from 40 to 300 inches (with throw distances of 3.9 feet, and 29.5 feet respectively). At only 10.6 lbs. the REALiS SX7 is easily transportable to any presentation location. When the presentation is completed, the convenient "Off and Go" feature allows users to pack-up quickly by simply unplugging the power cord while internal circuitry continues to power the fan and cool the projector.

The precise imagery found on this projector enables Bernstein to display the code at 10-point font size, which maximizes the amount of text projected at any given time. By using the REALiS SX7, Elsevier programmers can view and discuss the code as a group, which speeds the peer-review process while also making it more efficient.

With SXGA+ (1400 x 1050) resolution, 4000 lumen high-brightness, and a contrast ratio of 1000:1, the REALiS SX7 Multimedia Projector provides HD-quality display of type, images, and motion video even in brightly lit environments. The key to the performance is the patented, proprietary Canon AISYS (Aspectual Illumination System) Optical Engine, which maximizes the display power of the advanced LCOS (Liquid Crystal on Silicon) reflective panels built into every Canon REALiS Multimedia Projector. As a result, Canon's AISYS-enhanced LCOS projectors deliver exceptionally detailed, lattice-free, color-accurate images while maintaining a compact form factor.

The 4000 lumen brightness of the REALiS SX7 Multimedia Projector is an additional benefit for Elsevier's software peer-review group, as it allows them to display the text with the lights on, giving the programmers the ability to take notes and make revisions during the process.

Bernstein noted the programmers projected their software code directly onto a wall, and the REALiS SX7 Multimedia Projector's Auto Screen Color feature instantly compensated for the wall color. Other Auto Set-Up functions include: Auto Keystone, which calculates the angle of the projector and corrects for image distortion; Auto Focus, which employs a sensor on the front of the projector to measure the distance to the screen and adjusts focus as quickly as one second; and Auto Input, which detects the image signal from the input terminal, identifies it as the input signal, and selects it for display.

The 4000 lumen brightness of the REALiS SX7 Multimedia Projector is an additional benefit for Elsevier's software peer-review group, as it allows them to display the text with the lights on, giving the programmers the ability to take notes and make revisions during the process.

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0161W829

Canon REALiS SX6 Multimedia Projector Gets "Green Light" From Traffic Planning And Design

For Traffic Planning and Design (TPD), a Pottstown, Penn.-based civil engineering firm, visual details are mission-critical. In order to show CADD (Computer Aided Design & Drafting) graphics of upcoming projects, TPD needed a display solution that could accurately convey every visual detail with intricate precision and clarity. After researching available options TPD outfitted its primary conference room with a Canon REALiS SX6 Multimedia Projector, which provides crisp SXGA+ (1400 x 1050) resolution display, 3,500 ANSI Lumens of brightness, a contrast ratio of 1000:1, and Adobe RGB color matching.

"We wanted very high-quality resolution because we're doing a lot of very, very finely detailed CADD drawings," declared TPD's IT Manager Karl Fischer. "The biggest issue was to make sure that the projector was bright enough and that the colors were clear enough. This is because there are a lot of different shades of colors within these CADD design files, and the different grades, shades, and line weights represent different design features. We looked at several projectors from various dealers, but once we gave them our specs, they told us it was going to cost about $15,000.

Industry

▶ Government

Customer

▶ Traffic Planning & Design (TPD)

Usage

▶ Display of Computer-Aided Design & Drafting Graphics

REALiS SX6

Canon

> **"The Canon REALiS SX6 Multimedia Projector has such good resolution that it was able to take these large plans and make them visible on a single screen without a problem."**

Our rep at Haverford Systems, however, showed us that we could get the performance we needed for less than half that price with a Canon REALiS SX6 Multimedia Projector, and it has been phenomenal."

The Canon REALiS SX6 Multimedia Projector's intricately detailed SXGA+ resolution image projection was especially necessary due to the fact that CADD designers work on dual-screen monitors. "With their workstations, the designers are running dual 19-inch or 21-inch flat-screen monitors, with plans stretched out across both screens," Fischer explained. "We're then going from working on dual flat-screen monitors to throwing a single image up on a wall in the conference rooms for collaboration. That single image has to contain all the detail we've put into the plan and still be really clear and concise. The Canon REALiS SX6 Multimedia Projector has such good resolution that it was able to take these large plans and make them visible on a single screen without a problem."

Further enhancing the display quality of the REALiS SX6 Multimedia Projector is the optical excellence of its Genuine Canon 1.7x Ultra-Wide Powered Zoom Lens. Featuring the widest zoom range of any of Canon's projector lenses, the REALiS SX6 Multimedia Projector's 1.7x Wide Powered Zoom Lens provides a diagonal screen size range from 40 inches (at a very short projection distance of 3.9 feet) to a maximum of 300 inches. Even at a distance of 9.8 feet, the Canon REALiS SX6 Multimedia Projector can project at a screen size of 100 inches.

Color Accuracy

For Fischer, another major benefit of the Canon REALiS SX6 Multimedia Projector was its color-matching features. He noted that the entire company knew that TPD's previous projector was displaying colors inaccurately as soon as they would see the black-and-yellow TPD logo on the screen. With the Canon REALiS SX6 Multimedia Projector, however, the logo appears exactly as it was designed, and serves as a benchmark to let the staff know that the rest of the colors they will see will be accurate as well.

"If you ever look at a CADD design of roadway improvements you would see how detailed they are, just as with the details of any kind of mechanical drawing showing the different line weights, the different colors, the different shades," stated Fischer. "All of these details mean something very, very serious. If you misinterpret any of them then projects could fail when they go to construction because of bad information in the plans. We need sharp, accurate colors, and that's what we get with the Canon REALiS SX6."

The Canon REALiS SX6 Multimedia Projector installation in TPD's main conference room will soon be replicated with a similar setup in each of its three satellite offices sometime in 2008. "The REALiS SX6 blew our old projector out of the water; it wasn't even close," Fischer concluded. "Between the color richness, the sharpness of the image, the brightness, and the accuracy of color, the Canon REALiS SX6 is a much better projector than we've ever seen before."

Traffic Planning and Design's conference room, with ceiling-mounted Canon REALiS SX6 Multimedia LCOS Projector

> **"Between the color richness, the sharpness of the image, the brightness, and the accuracy of color, the Canon REALiS SX6 is a much better projector than we've ever seen before."**

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Canon REALiS SX800 Chosen To Power New Stereoscopic 3D Educational Display System "Prometheus"

Sonar Studios Selected REALiS SX800 Multimedia LCOS Projectors because of their High-Resolution SXGA+ Display, High-Brightness, Affordability, and Canon's Remarkable Customer Service

Confident of the educational benefits of stereoscopic 3D video projection, Sonar Studios has chosen to equip each of its new Prometheus presentation systems with two Canon REALiS SX800 Multimedia LCOS Projectors. Prometheus, a self-contained equipment cart on wheels, is designed as a portable educational tool that enhances students abilities to learn. In addition to stereoscopic 3D video, the system's two REALiS SX800 Projectors will be used to display a wide variety of other visual content, including PowerPoint presentations, interactive DVDs and streaming media.

"We saw that stereoscopic 3D and interactivity are extremely effective in engaging students, and that they provide retention and comprehension levels that are off the charts," stated Vince Freeman, President of Sonar Studios, an Indianapolis-based multimedia and application production company. "Then we asked 'How can we get all of that engagement into one unit that can be transported anywhere and provide a powerful learning experience?'

Industry

▶ Education

Customer

▶ Sonar Studios

Usage

▶ 3D Display
▶ 2D Display
▶ Multimedia Presentations

REALiS SX800

Canon

"Once we told Canon about our project, they went out of their way to contribute... They sent their engineers to our Indianapolis office to confer with our tech guys. Canon also wrote and installed custom firmware so that our software fully interfaces with the REALiS SX800 Multimedia LCOS Projectors."

Our answer was to create Prometheus, a 'turn-key' system that integrates several technologies, including two projectors, a computer, software, a DVD player, and an audio system. Prometheus makes these technology variables invisible to teachers. All they have to do is plug it in, control it with a touch-screen, and use Prometheus to show many different types of educational content."

Each Prometheus contains two Canon REALiS SX800 Multimedia LCOS Projectors that display stereoscopic 3D video, as well as other multimedia content. Sonar Studios outfits each Canon REALiS SX800 with a separate polarized lens filter that works in conjunction with special glasses worn by students to produce 3D images.

"We chose the Canon REALiS SX800 for multiple reasons," explained Freeman. "First and foremost, it is a great projector for the price. When it comes to school products, you have to make the unit as inexpensive as possible. Other important aspects we needed that the Canon REALiS SX800 provides include high brightness, high resolution, detailed images, and ample connectors, including serial control."

The Canon REALiS SX800 Multimedia LCOS Projector displays full SXGA+ (1400 x 1050) resolution video at a brightness of 3000 lumens and a contrast ratio of 900:1. It is an affordable alternative for users of XGA (1024 x 768) resolution projectors who are seeking to upgrade to higher resolution SXGA+ picture quality. Canon's REALiS SX800 delivers a larger desktop area than XGA projectors (an increase of almost 87 percent more pixels) as well as widescreen notebook and desktop computer support (with display of uncompressed WXGA) and displays uncompressed 720p HD video with support for 1080p HD.

In addition to the technical attributes of Canon's REALiS SX800 Projectors, Freeman also had high praise for the support that Canon provided to Sonar Studios to make Prometheus perform as designed. "Once we told Canon about our project, they went out of their way to contribute," he noted. "They sent their engineers to our Indianapolis office to confer with our tech guys. Canon also wrote and installed custom firmware so that our software fully interfaces with the REALiS SX800 Multimedia LCOS Projectors."

"People are very excited about Prometheus," Freeman asserted. "We think we have something special that has a price point schools can handle. Canon provided us with outstanding customer service, which we really appreciate. We made a decision as a company a long time ago to do work that really means something, and to enjoy it. I think that if we can benefit education, that's one of the highest things you can aspire to." ▪

Prometheus incorporates two Canon REALiS SX800 Multimedia LCOS Projectors.

"Canon provided us with outstanding customer service, which we really appreciate."

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Canon Service & Support

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