

Welcome to a
brighter future.

XEED

WUX4000
Multimedia Projector

you can





Introducing a new quality standard for installation projectors.

The new XEED WUX4000 Multimedia Projector is Canon's flagship model for the installation market. It offers WUXGA resolution in a premium quality and outstandingly versatile package.

Sharp images, cutting edge technology.

With native WUXGA resolution (1920 x 1200 pixels) and Full HD capability (1080p), the WUX4000 redefines what's achievable with a compact installation projector.

Canon's world-class lens design and LCOS technology delivers photo-like precision, seamless lattice-free video with little or no after-image and smooth colour gradation – but without the price tag associated with expensive three-chip DLP devices.

Thanks to Canon's AISYS (Aspectual Illumination System) optical system, the WUX4000 achieves 4000 lumens despite its compact dimensions; while a 1000:1 contrast ratio ensures vivid colours and deep blacks.

The ultimate in versatility.

The WUX4000 offers a choice of three easily exchangeable lenses: each featuring high resolution, less than 0.1% distortion, low chromatic aberration and near-imperceptible ghosting and flare.

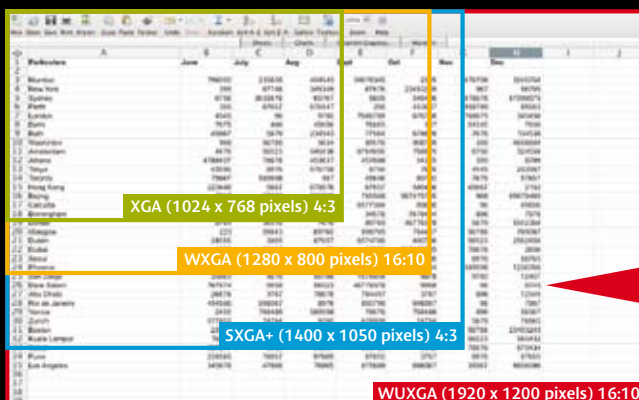
Canon's state of the art lens technology means the WUX4000 undergoes just a 7% reduction in brightness when used with its wide angle single focus lens, and no reduction at all with its telephoto zoom lens. This makes the WUX4000 ideal for projecting bright and life-like images in a large venue.

Control at your fingertips

For the ultimate flexibility, the WUX4000 comes equipped with a wide choice of interfaces. DVI-D and HDMI ports let you project HD images from PC, Macintosh or Blu-ray devices; and when the audio in/out connections are in use, switching the image source results in the sound automatically changing too.

The audio output terminal makes it straightforward to adjust volume levels as well as visual settings using the WUX4000's remote control: a bonus in larger venues which frequently employ an external audio amplifier and loudspeakers.

A built-in RJ-45 port makes it simple to monitor and control the projector remotely via the network. The WUX4000 also supports the PLink protocol, enabling straightforward control and monitoring with compatible systems.



With the introduction of the WUX4000, Canon's renowned quality standards are available to the small-to-medium-scale installation projector market for the first time. With a rich choice of advanced features that draw on Canon's 70-year heritage at the forefront of lens design, the low-maintenance WUX4000 is the perfect fit for environments that demand exceptional quality from a compact installation projector.

Supreme flexibility: WUX4000 Target Markets.

The WUX4000 has been designed to fulfil the needs of many installation environments, leveraging the quality standards for which Canon is renowned.

For Business.

In commercial environments like **boardrooms and meeting rooms**, the WUX4000's superb performance in both ambient and controlled lighting represents a powerful advantage. The WUX4000's wide-screen resolution is ideal in **large venues** where projected images of over 150" are often required.

For **high-end conference centres** that offer HD projector facilities as a differentiator, the WUX4000's clarity and precision – whether projecting photos, video or presentation graphs and charts – will maintain a premium-brand feel.

For Technical Colleges and Higher Education.

In engineering or design **lecture theatres** and **study rooms**, accurate projection of intricate images like blueprints, product or building designs is of paramount importance.

The WUX4000's 1920 x 1200 WUXGA resolution and ultra-low distortion, in either natural or controlled light, are ideal for these environments. Straightforward connectivity with room control systems means academic staff can just plug in and go.

For Public Display.

The WUX4000 can handle the most adventurous of public display situations with ease. **Museums, exhibitions, visitor centres** and even **houses of worship** can all benefit from the performance of the WUX4000. With stunning visuals now a frequent requirement for these types of environment, the WUX4000's high resolution capabilities and 360° installation offer endless scope for sparkling creativity.

In multi-projector environments like **domes, planetariums** and **retail stores**, the WUX4000's precise colour matching and deep colours deliver a memorable and compelling experience.

For Engineering and Design.

3D modelling and prototyping, architecture, mapping and **CAD** environments depend on projecting images with absolute clarity and accuracy. The WUXGA resolution (1920 x 1200 pixels) ensures that fine lines and small text are sharp and easily legible.

Meanwhile creatively-focused businesses like **fashion houses** and **advertising agencies** will appreciate the superb accuracy and faithfulness enabled by the WUX4000's six-axis colour adjustment and new 3D lookup table. A wide choice of preset image modes – such as Presentation, Dynamic and sRGB – enable the WUX4000 to deliver stunning images in almost any environment.

For Simulation and Control Rooms

To faithfully portray precision detail, **control rooms** and **industrial-grade simulators** demand ultra-fast refresh speeds and smooth motion, together with the high native WUXGA resolution of the WUX4000. These environments are frequently 'always on', especially at the higher end of the market.

With longer lasting and easily-replaceable air and optical filters, plus a lamp life of up to 4,000¹ hours, the WUX4000's marriage of premium image quality, durability and low running costs will find a natural home in these tough environments.

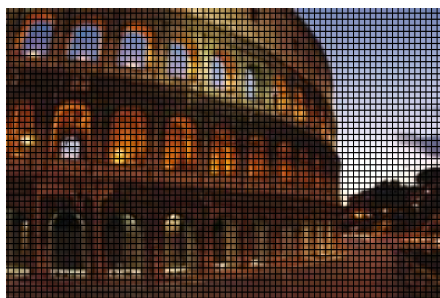
Next-generation technology – that draws on our 70 year heritage.

Canon began life in 1937 as a specialist lens manufacturer. Today, it's the quality of Canon lenses that allows the power of the WUX4000's advanced technology to shine through.

Why LCOS?

Combining the best of LCD and DLP projection technologies, LCOS (Liquid Crystal on Silicon) panel technology uses liquid crystals in place of the individual mirrors found in DLP panels. The result? Exceptionally fast and distortion-free WUXGA (1920 x 1200) images – without any unwelcome 'lattice' or 'rainbow' effects.

LCOS: smart technology, beautiful images



LCD projector

- Gridlines are clearly visible
- Contrast is limited



DLP projector

- Frequent colour breakup (the 'rainbow effect')
- Whites are bright, yet colours can appear weak
- Poor colour gradation – banding can occur



WUX4000 (LCOS)

- Seamless images, with no lattice effect
- No unpleasant rainbow effect
- Good contrast
- Smooth, natural colour reproduction

Enhanced six axis colour adjustment.

The WUX4000 features independent control over brightness as well as hue and saturation: so it's easy to fine-tune individual colours within an image.

An extra colour dimension.

A new 3D-LUT (Look Up Table) debuts in the WUX4000. With a dramatically increased number of setting points, the new LUT enables the WUX4000 to deliver more precise colour reproduction and richer colour gradations.



Before colour adjustment

The image colour cannot be expressed correctly.



Colour adjustment by new 6 axis colour adjustment + new 3D-LUT

Adjustment of a single colour is possible while the overall colour tone remains natural.



Picture perfect at the touch of a button.

To combine the best in versatility and convenience, the WUX4000 offers a range of image modes, plus five user presets. This allows the presenter to quickly find the optimum quality for the room conditions and presentation material. Within each preset, the operator can further fine tune brightness, contrast, sharpness, gamma and colour correction.

Brightness: some enlightening facts.

Some projectors offer greater brightness than the WUX4000 in their specification, but Canon's LCOS technology and lens options deliver superior real-world performance.

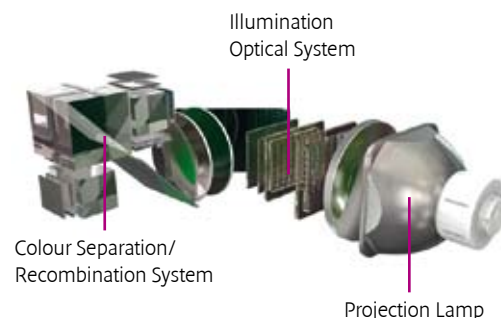
Unlike many single-chip DLP projectors, the WUX4000 operates at 4000 lumens with both whites and colours (when using the standard zoom lens). The result? Vivid colour images that utilise the WUX4000's impressive 4000 lumens Colour Brightness rating.

	Canon XEED WUX4000	Typical Competitor Product
Specification	4000lm	6000lm
Colour Brightness	4000lm	3600lm
Special Image Modes	2700lm	2400lm

The AISYS advantage.

At the heart of the WUX4000, you'll find Canon's AISYS optical technology. This works in combination with the LCOS imaging engine to deliver a more powerful blend of brightness and contrast than many comparable installation projectors: including contrast ratios of up to 1000:1, plus vivid, lifelike colours and rich, pure blacks.

AISYS (Aspectual Illumination System)





Advanced lens technology: images that wow your audience.

As you'd expect from a world-leading innovator in imaging technology, Canon's superior lens quality sets the WUX4000 apart.

Fit for every purpose.

With a choice of standard zoom, wide single focus and long zoom lenses, the WUX4000 can project up to a class-leading 14.2 metres, with no loss of brightness or image resolution. The lens can be easily interchanged as required on-site.

Quick to adapt.

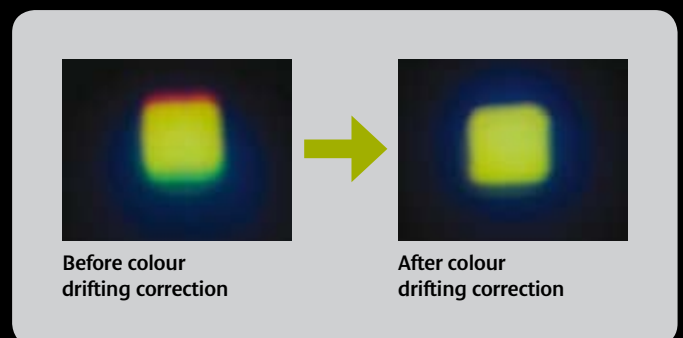
With -15% to +55% vertical lens shift and $\pm 10\%$ horizontal shift, the WUX4000 is superbly adaptable to the toughest of installation projection conditions. Even using maximum lens shift, distortion, aspect ratio and brightness remain unaffected.

The beauty is constant.

New UD (Ultra Low Dispersion) technology features in each of the WUX4000's three exchangeable lenses. This drives down chromatic aberration to almost nil, leaving only vivid images with negligible colour drift.

An in-built adjustment mechanism keeps colour drift to nearly zero: the same level you'd expect to find in a fixed-lens projector.

			
	Standard Zoom Lens	Short Fixed Lens	Long Zoom Lens
Projection distance (100" image)	3.2m to 4.8m	1.73m	4.7m to 8.0m
Projection ratio	1.5 : 1 - 2.25 : 1	0.8 : 1	2.2 : 1 - 3.75 : 1
F value	1.89-2.65	2.0	2.0-2.8



The WUX4000 comes fully-loaded with a range of ports for the connection of standard and high-definition image sources, including DVI-D and HDMI™ terminals. Dedicated audio and control ports are also included. Environments with multiple devices will appreciate the WUX4000's RJ-45 network port, which enables easy centralised management and monitoring via any computer on the same network.



- 1 DVI-D 24-pin: Digital RGB
- 2 HDMI™ V1.3 (with Deep Colour): Digital Video/Digital Audio/Digital RGB Input
- 3 Mini D-Sub 15-pin: Analogue RGB Input (Component input via optional adapter cable)
- 4 3.5mm stereo mini-jack: Audio Input 1
- 5 3.5mm stereo mini-jack: Audio Input 2
- 6 3.5mm stereo mini-jack: Audio Output (variable level)
- 7 Mini D-sub 9-pin: Control Port (RS-232C)
- 8 RJ-45: Network Connection

Designed for a demanding world.
The WUX4000 offers easy maintenance and a choice of flexible installation options.

Simple to maintain.

Engineers can easily replace the WUX4000's lamp, air and optical filters with the projector in situ – keeping servicing costs and downtime to a minimum. Quick-change optical filters mean peak performance can be maintained over the lifespan of the projector.

360° projection.

For prestige environments like theatres, events and entertainment facilities, the WUX4000 offers vertical projection – upward, downward or at any angle in between (the body must remain horizontally level, however).

Built to last.

With its high-quality consumables, the WUX4000 is the ultimate durable performer. Longer-life lamps, air and optical filters keep servicing and component costs to a minimum, and deliver superior reliability and a low total cost of ownership (TCO).

Easy Maintenance



XEED WUX4000 Specifications

PRODUCT CLASS	Installation
LCD PANEL	Installation
Type	LCOS reflective display, TFT Active Matrix
Size and Number	0.71" diagonal (15.4mm x 9.6mm), 3 panels
Aspect Ratio	16:10
Native Resolution	1920 x 1200 (WUXGA), 2304000 pixels
OPTICS	
Lamp Type	310W NSHA
Lens F Number and Focal Length	F1.89 - F2.65; f=23.0 - 34.5mm (Lens RS-IL01ST)
Zoom Magnification and Control	1.5x Motorised
Focus Control	Motorised
Lens Shift	Vertical: 3.5:6.5 to 10.5:-0.5 (-15% to +55%) Motorised Horizontal: 4:6 to 6:4 (+/-10%) Motorised
IMAGE AND AUDIO	
Brightness	4000 lumens (3500 lumens in Quiet Mode)
Brightness Uniformity	88%
Contrast Ratio	1000:1 (full on / full off)
Projection Distance Coverage	1.3m - 9.6m (3.2m - 4.8m for 100" image, Lens RS-IL01ST)
Screen Size	40" - 300" (86 x 54cm - 646 x 404cm)
Digital Zoom Magnification	1x - 12x
Keystone Correction Range	Vertical: +20° to -11° Horizontal: +/-20°
Digital RGB Compatibility	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Analogue RGB Compatibility	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Digital Video Scan Systems	1080p / 1080i / 720p / 576p / 480p
Component Video Scan Systems	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
Video / S-Video Colour Systems	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM
Scanning Frequency	Horizontal: 15-75kHz, Vertical: 50-85Hz, Clock: 162MHz
Display Modes	Standard, Presentation, Dynamic, Vivid Photo, Photo/sRGB, Video, Cinema, Custom (with 5 presets)
Image Enhancement	12-bit Digital Gamma Correction
Built-in Speaker	5.0W RMS, Monaural

PORTS AND CONNECTORS	
Digital RGB Input	DVI-D 24-pin
Digital Video and Audio Input	HDMI V1.3 (with Deep Colour)
Analogue RGB Input	Mini D-Sub 15-pin (Component via optional adaptor cable)
Audio Input 1	3.5mm stereo mini-jack
Audio Input 2	3.5mm stereo mini-jack
Audio Output	3.5mm stereo mini-jack (variable level)
Service Port / Projector Control	Mini D-Sub 9-pin
Network Port	RJ-45
MECHANISMS	
Front Elevation Mechanism	Two rotary feet, 6° maximum image elevation
RATINGS	
Dimensions (W x H x D)	380mm x 170mm x 430mm
Weight	8.5kg (without lens)
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	Normal Mode: 410W / Quiet Mode: 365W / Standby: 1.7W / Standby (LAN off): 0.35W
Noise Level	Normal Mode: 39dBA / Quiet Mode: 36dBA
Operating Environment	+5°C to +35°C
Storage Environment	-30°C to +60°C
Warranty	3 years
All data is based on Canon standard testing methods except where indicated. Subject to change without notice.	

True Throw Distances

Lens Unit	Image Size (inches)	40	60	80	100	150	200	300
	Width (cm)	86	129	172	215	323	431	646
Height (cm)	54	81	108	135	202	269	404	
Standard Zoom Lens RS-IL01ST	Projection Distance (zoom max)	1.3	1.9	2.6	3.2	4.8	6.4	9.6
	Projection Distance (zoom min)	1.9	2.9	3.9	4.8	7.2	9.6	-
Long Zoom Lens RS-IL02LZ	Projection Distance (zoom max)	1.9	2.8	4.2	4.7	7.1	9.5	14.2
	Projection Distance (zoom min)	3.2	4.8	7.2	8.0	12.1	-	-
Short Fixed Lens RS-IL03WF	Projection Distance (zoom max)	0.7	1.0	1.4	1.7	2.6	3.4	5.2
	Projection Distance (zoom min)							

Accessory	Mercury Code	EAN Code	Accessory	Mercury Code	EAN Code
 Standard Zoom Lens RS-IL01ST	4966B001AA	4960999685373	 Lamp Assembly RS-LP06	4965B001AA	4960999685366
 Long Zoom Lens RS-IL02LZ	4967B001AA	4960999685380	 Ceiling Attachment RS-CL11	4969B001AA	4960999685403
 Short Fixed Lens RS-IL03WF	4968B001AA	4960999685397	 Replacement Air Filter RS-FL01	4971B001AA	4960999685427
			 Dark Grey Top Cover RS-TC01	5471B001AA	4960999789620

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