



come

and

see

Scale to new heights



XEED

Canon professional installation projectors

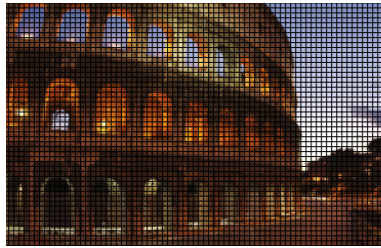
Canon

You can see the difference in Canon quality

Many projectors' specifications promise outstanding brightness. But choose a Canon Installation projector and you will experience greater 'real world' brightness than with many competitors' models.

As you would expect from a brand that enjoys an unrivalled reputation for quality, Canon projectors use precision technology specifically designed to maximise brightness and outperform rival models - as well as delivering beautiful whites and superbly precise images.

Beautiful images with LCOS technology



LCD projector

- Gridlines are clearly visible



DLP projector

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



LCOS projector

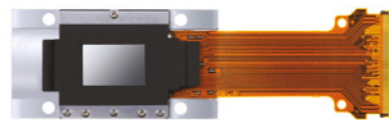
- Seamless images, with no 'lattice' effect
- No unpleasant 'rainbow' effect
- Good contrast
- Smooth, natural colour reproduction
- Excellent colour brightness

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 is exceptionally fast and distortion-free images - without any unwelcome 'lattice', 'grid' or 'rainbow' effects.

The XEED range feature a 0.7" LCOS panel that projects video even more vividly. Both still and moving images stand out for their beautiful whites and absence of RGB tinting. The panel's genuinely world class performance includes high reflectivity, a high aperture ratio and a remarkable increase in brightness. Your images appear even purer and truer, and make a breathtaking impact on any audience using either factual or creative content.

LCOS panels express greyscale gradations more richly than the DLP system. LCOS is therefore ideal in medical environments where accurate greyscales are critically important.



LCOS panel

20% more impact with LCOS and AISYS 5.0

Together, the new LCOS panel, new AISYS 5 optical imaging system and extended aperture ratio deliver up to a stunning 20% more brightness with the same lamp. This world class standard is ideal in environments where brightness is absolutely paramount.

The perfect mix of brightness and contrast

At the heart of each projector, you'll find Canon's proprietary AISYS (Aspectual Illumination System) optical technology. The AISYS optical system works in combination with the LCOS imaging engine to deliver a more powerful blend of brightness and contrast than many comparable Installation projectors.

The AISYS 5.0 engine delivers a noticeable increase in brightness and ensures your audience see only perfect, seamless images - even in demanding spaces like conference facilities, lecture halls or exhibition centres.

Advanced lens technology

As you'd expect from a world-leading innovator in imaging technology, Canon's superior lens features set the XEED Installation range apart.

Extensive lens options

With a choice of 1.5x Short Fixed lens, 1.5x Standard Zoom, 1.5x Wide Angle Zoom, 1.7x Long Zoom, and 1.95x Ultra Long Zoom, each model can project up to a class-leading 14.9 metres (for 100" image) with minimal brightness loss and no loss of image resolution.

Flexible lens shift

With up to -15% to +55% vertical lens shift and up to +/- 10% (for Standard and Long Zoom lenses), each projector is superbly adaptable to the toughest of Installation projection conditions. Even using maximum lens shift, distortion, aspect ratio and brightness remain unaffected.

Accuracy at any magnification

Canon zoom technology uses a superior floating system in which two lenses move independently. As a result, suitable images can always be projected throughout the entire zoom range, giving half pixel accuracy even in multi-projector Installation environments like 3D, stacking, blended systems and domes.

Minimal chromatic aberration

New UD (Ultra Low Dispersion) technology features in each XEED Installation projector's five interchangeable 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.



Aspherical lenses to correct pincushion distortion

Distortion of the projected image is reduced to a level of less than 1 pixel due to aspherical lens technology.

A choice of five bright, high resolution interchangeable lenses

	Short Fixed Lens RS-IL03WF	Short zoom lens RS-IL05WZ	Standard Zoom Lens RS-IL01ST	Long Zoom Lens RS-IL02LZ	Ultra Long Zoom Lens RS-IL04UL
Projection distance (100" image)	1.73m	2.2 m to 3.2 m	3.2m to 4.8m	4.7m to 8.0m	7.6m to 14.9m
Projection ratio	0.8 : 1	1:1 -1.5:1	1.5 : 1.2.25 : 1	2.2 : 1.3.75 : 1	3.55 : 1.6.94 : 1
Magnification	-	1.5 times	1.5 times	1.7 times	1.95 times
F value	2.0	2.09 - 2.34	1.89 - 2.65	1.99 - 2.83	2.34 - 2.81

High-quality lenses mean high-quality images

Inferior quality lenses create flare, field curvature and TV distortion, which lead to inaccurate and unsatisfactory images. High-quality Canon lenses minimise these unwelcome effects.

Easy to install and interchange.

XEED Installation projectors incorporate a safe and secure lens mount that eliminates the possibility of tiny movements when the projector is inverted or used in any 360° position - unlike some competitor models with quick release mechanisms. This feature is paramount in professional projection environments requiring total assurance and reliability for all installations.



XEED Compact Installation projectors: discover a new world of installation imaging

Canon XEED Compact Installation projectors are recognised as among the finest in the industry. Offering market-leading image quality and the precision optics you would expect from a world leader in imaging solutions, the XEED range has won acclaim for its groundbreaking LCOS panel technology and its powerful image processor.

Perhaps most of all, XEED projectors are acknowledged by installation professionals for their blend of premium quality projection lenses and the unique AISYS optical system that delivers simultaneously high levels of brightness and contrast.

Now AV professionals can enjoy a new concept in premium quality installation projection solutions.

Canon is continuing its impact in the compact installation market with the latest versatile and innovative models. Each offers outstanding image quality from a compact chassis, while retaining the features you'd expect from a full-size installation projector.

Short throw redefined

Until now, selecting a short throw projector has typically meant choosing between two types of device. Option one has been to select an affordable ultra-short throw model, with low brightness and high levels of distortion, typically only suitable for low-end applications. Option two has been to pick a high-end installation model with a short throw on-axis lens, where high brightness is traded for the lack of lens shift or zoom.

XEED Compact Installation Short Throw projectors mean you no longer need to compromise. The XEED WUX450ST short throw model offers class-leading lens shift of 75%. Brightness levels of 4500 lumens and provides superb performance in either front or rear projection installations.

* Brightness may decrease by up to 5%. Based on a single image size..

Compact yet superbly powerful

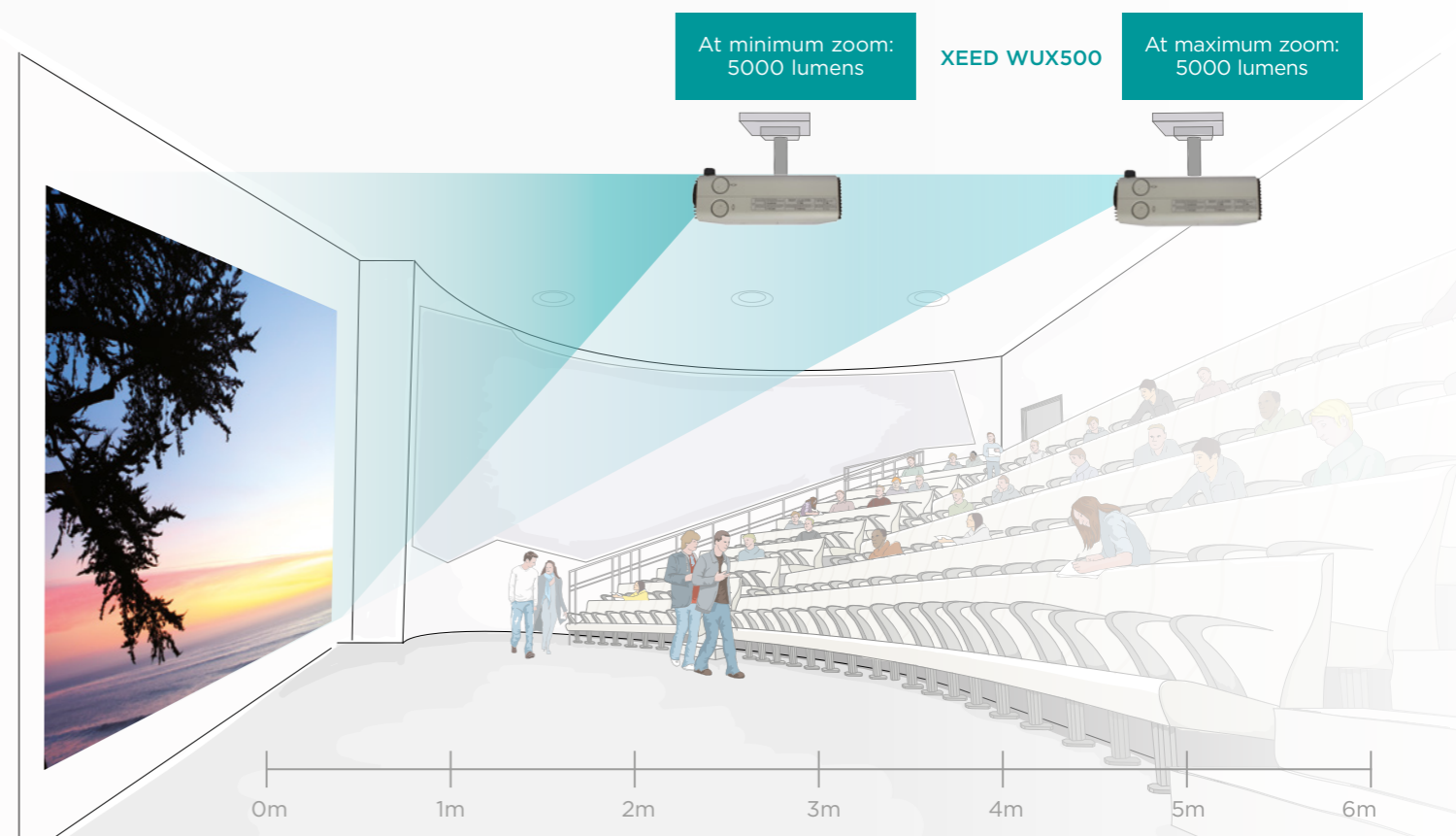
The XEED Compact Installation range offers a 1.8x zoom model and a short throw model that provide a superb choice of resolution and brightness. Each device helps you to create the perfect installation solution whenever you need a projector that is:

- Stunningly and consistently bright* across the entire zoom range thanks to the constant F2.7 (WUX450ST) and F2.8 (WUX500) lens aperture.
- Able to project a 100" image from just 1.2 metres (WUX450ST) – equivalent to around one-third of the throw distance required by conventional projectors
- Offering even more placement choices through the inclusion of HDBaseT and built in Wi-Fi
- Able to present via USB for a single projector or blended using up to nine projectors connected via LAN cables.
- Suitable for any installation environment, thanks to a flat design and innovative air intake and exhaust system
- Simple to install, operate and service
- Smaller and lighter than comparable models in the same segment

Bright from any distance

Some projectors offer high specifications that do not translate into true performance in the installed environment. Thanks to LCOS panel technology and the quality of their lenses, XEED Compact Installation projectors deliver consistent brightness that frequently outshines competitor models in the same class.

Constant brightness regardless of zoom position.



Constant, awe-inspiring brightness

With 5000 lumens and a contrast ratio of 2000:1 the XEED WUX500 maintains a constant F2.8 aperture across the entire zoom range - for brightness that stays vivid no matter how much zoom is applied.*

See what you pay for

Brightness plays an important role of dictating the purchase price of a projector. But if you consistently use your projector at the telephoto end of its zoom range, you may be paying for brightness that is effectively lost. That's not the case when you choose a XEED Compact Installation model. With their brightness remaining consistent* across the range, you enjoy the full benefit of your investment from any throw distance.

Consistently bright in every mode

Unlike projectors that can darken images when particular image modes are applied, XEED Compact Installation projectors sustain their performance no matter what mode you select. Just as important, the three LCOS panels ensure that colours are every bit as bright as whites.

Maximise flexibility

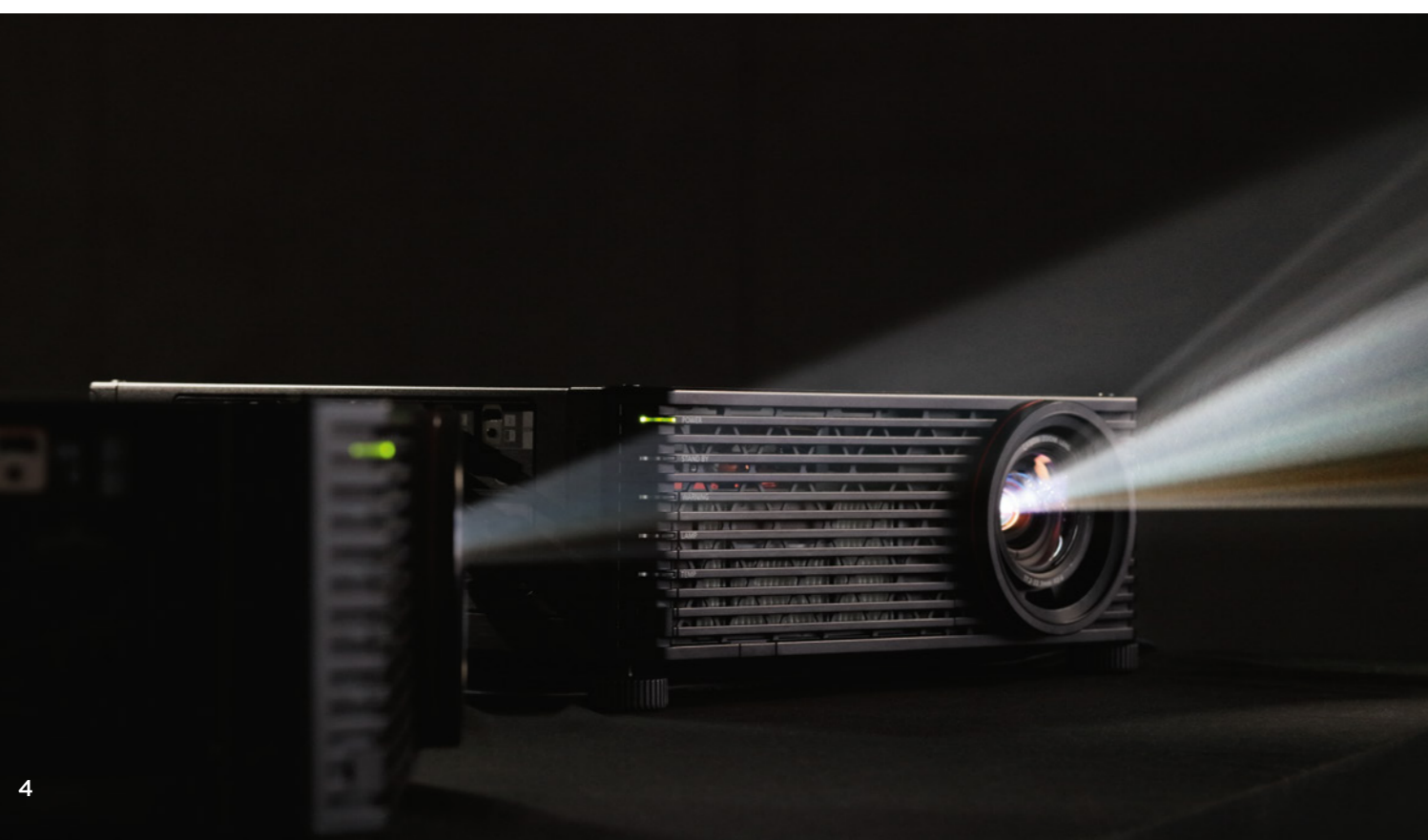
Alongside their powerful zoom lenses, the XEED WUX500 offers up to 60% vertical and 10% horizontal lens shift, giving you ultimate flexibility in where you position the projector.

Comparative Lens Performance

WUXGA 5000 - 6000 lumen segment

	Projection Distance for 100" image	Zoom	F. no. Wide	F. no. Tele	Brightness Drop
Competitor 'A' (WUXGA, 5000 lm)	2.8 - 5.0m	1.8x	1.7	2.6	-32%
Competitor 'B' (WUXGA, 5500 lm)	3.2 - 6.5m	2.0x	1.7	2.4	-24%
Canon XEED WUX500 (WUXGA, 5000 lm)	3.0 - 5.4m	1.8x	2.8	2.8	-5% to 0%

* Brightness may decrease by up to 5%. Based on a single image size.



Quality and innovation in short throw lens design

The unique lenses in XEED Compact Installation Short Throw models are higher-quality than the lenses on other short throw projectors. You would expect nothing less from a manufacturer with a 75 year heritage as a world leader in imaging optics and lens design.

Captivating images from any angle

XEED Compact Installation Short Throw projector WUX450ST, features an exceptionally wide range of vertical and horizontal lens shift, to give unbeatable flexibility in projector placement. The lens virtually eliminates distortion (typically just 0.1%) and has a throw ratio of 0.56:1. As a result, a 100" image can be projected from just 1.2 metres – around one third of the throw distance required by conventional projectors.

Despite their short focal length, the XEED WUX450ST is capable of delivering sharp, undistorted images ranging in size from 30" up to a large 300" diagonal. So you're assured wide, bright and vivid images no matter what image size is required.

Lens shift extends your options – and your budget

You can confidently choose a XEED WUX450ST as a true 'one size fits all' solution for a wide range of installation environments.

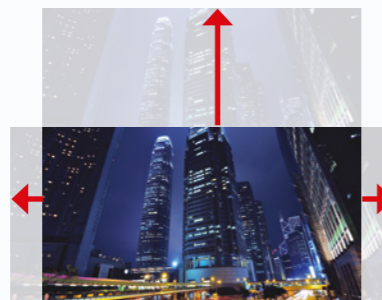
Better lenses mean better images

Lower-quality lenses create flare, field curvature and TV distortion, which lead to blurred and unclear images. The new, high-quality lenses in XEED Compact Installation projectors help eliminate these unwanted effects – delivering images with perfect geometry and keeping them in sharp focus throughout.

What is lens shift and why does it matter?

Lens shift allows the image to be positioned as required, without having to move or tilt the projector itself. This avoids the need for keystone correction, which can cause loss of image quality. The exceptionally wide 75% vertical lens shift of XEED WUX450ST Short Throw projector, plus the 10% horizontal shift, creates a host of flexible new installation options, as the projector can be discretely located exactly where required.

Approximate position that a short throw projector could be located



Vertical lens shift
75% (WUX450ST)

Horizontal lens shift
10% left and right
(both models)

XEED WUX450ST and XEED WUX500 Throw Distances (16:10 aspect ratio)

Image Size (Inches)	Width x Height (cm)	40	60	80	100	150	200	300
		86 x 54	129 x 81	172 x 108	215 x 135	323 x 202	431 x 269	646 x 404
Lens (Projection ratio: 0.56:1)	WUX450ST Throw Distance	0.47	0.72	0.96	1.20	1.81	2.42	3.64
Lens (Projection ratio: 1.39 - 2.51:1)	WUX500 Throw Distance (Zoom - max / min)	1.2m / 2.2m	1.8m / 3.2m	2.4m / 4.3m	3m / 5.4m	4.5m / 8.1m	6m / 10.8m	9m / 16.2m

Calculate your throw distance:

Easily determine your requirements based on your screen diagonal, height or width.

Get started at www.canon.com/lcd-sim

Smart features for stunning results

Picture perfect at the touch of a button. For maximum versatility and convenience, XEED Compact Installation projectors offer a range of image modes to suit different presentation materials and environments.

A user-friendly interface enables the presenter to quickly find the optimum quality for the room conditions and presentation material. For even greater control, the operator can fine tune brightness, contrast, sharpness, gamma and colour correction within each individual preset.

Easy connectivity.

Project still and moving images from a wide range of sources using an extensive choice of inputs. These include an HDBaseT connection and Wi-Fi, plus a Network Multi-Projection (NMPJ) function for easy wired or wireless projection over a LAN. There are HDMI and DVI terminals for digital input, while firmware can be easily updated via the USB port, which also allows PC free presentation directly from USB flash drives. The built in RJ-45 network port enables remote monitoring and control and supports the 'Crestron Connected™' standard.

The Wi-Fi function enables wireless connectivity direct or via a router. Canon's Network Multi-Projection software (NMPJ) allows up to 5 PC inputs direct or up to 10 via a router with various modes to assist successful collaboration with up to 4 inputs displayed on-screen simultaneously.

Effective connectivity with built in Wi-Fi.

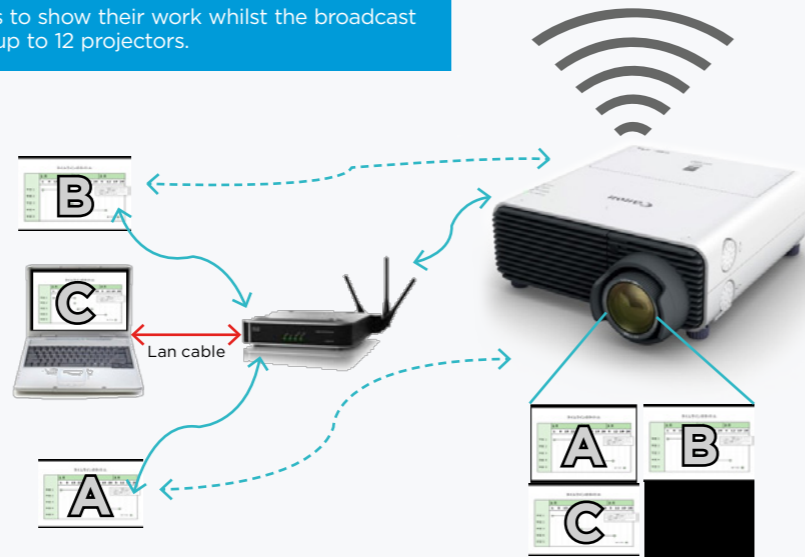
Save time in meetings and easily connect to the projector to present without having to find the right cables or swap cables between users. Canon's built in Wi-Fi function allows users to input images and audio wirelessly from a PC, laptop or Windows tablet direct to a projector, via a router or to multiple projectors on a network.

Networked Multi-Projection

Through the network Multi-Projection software (NMPJ), which can be downloaded from the projector over Wi-Fi, multiple users can connect to the projector to present. Up to 4 users presentations can be viewed at any one time and depending on the use, various methods of control are available.

For classrooms a teacher can select PC, laptops, tablets to involve in the session and choose which user or multiple users work appears on the screen.

For a meeting scenario all users can have access rights to show their work whilst the broadcast mode sends the same images from a single device to up to 12 projectors.



Transmission standards	IEEE 802.11 b/g/n
Transmission distance	About 25m (clear viewing to the access point)
Wi-fi certification	Acquired
WPS	Support: Push button method (PBC) Pin code method (PIN)
Encryption	Open / WEP WPA-PSK TKIP WPA2-PSK TKIP WPA-PSK AES WPA2-PSK AES
Connection mode	Infrastructure / P2P mode

Compact Installation Wi-Fi Options

NMPJ mode	Image	Connection type	Max. no. of projectors connected	Max. no. of PCs connected
(1) Direct mode This is a simple mode for a PC and projector connected as a pair.		A Infrastructure connection	1	1
		B Wireless direct connection	1	1
(2) Meeting mode This mode is used for free discussion while sharing each person's information.		A Infrastructure connection	6	10
		B Wireless direct connection	1	5
(3) Classroom mode This mode is used for classwork which has a clear progression controlled by the teacher.		A Infrastructure connection	6	10
		B Wireless direct connection	1	5
(4) Broadcast mode This mode distributes the same video to multiple projectors.		A Infrastructure connection	12	1
		B Wireless direct connection	-	-

Canon Installation Projector Range Chart

XEED Models
Offer the highest image quality



	Short Throw Model	Compact Installation Model	Installation Models		
Model	XEED WUX450ST	XEED WUX500	XEED WUX6010	XEED 4K500ST	XEED 4K501ST
Positioning	Compact WUXGA short throw installation projector with lens shift.	Compact, high performance installation projector with versatile connections.	Canon's flagship WUXGA resolution installation projector with high brightness, lens options and HDBaseT.	Canon's first native 4K projector featuring higher resolution than DCI and delivering outstanding image quality.	Enjoy next-generation image quality and flexibility with Canon's small, light, native 4K installation projector.
Highlights	<ul style="list-style-type: none"> 1 WUXGA, 4500 lumens 2 0-75% Vertical lens shift 3 HDBaseT 4 PC-free multi projection 5 Wi-Fi 	<ul style="list-style-type: none"> 1 WUXGA, 5000 lumens 2 Constant Brightness 3 HDBaseT 4 PC-free multi projection 5 Wi-Fi 	<ul style="list-style-type: none"> 1 WUXGA, 6000 lumens 2 Motorised lens shift, zoom & focus 3 Lens options 4 HDBaseT 5 NMPJ 	<ul style="list-style-type: none"> 1 Native 4K, 5000 lumens 2 Vertical lens shift +/- 60% 3 Edge blending 4 Marginal focus 5 Advanced registration 	<ul style="list-style-type: none"> 1 Native 4K, 5000 lumens 2 Vertical lens shift +/- 60% 3 Edge blending 4 Marginal focus 5 Advanced registration
Panel type	3 x LCOS panels	3 x LCOS panels	3 x LCOS panels	3 x 4K-LCOS panels	3 x 4K-LCOS panels
Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	4096 x 2400 (4K)	4096 x 2400 (4K)
Aspect ratio	16:10	16:10	16:10	approx.17:10 (128:75)	approx.17:10 (128:75)
Brightness (lumens)	4500 / 3460 (Eco mode)	5000 / 3800 (Eco mode)	6000 / 4660 (Eco mode)	5000 / 3750 (Eco mode)	5000 / 3750 (Eco mode)
Native Contrast Ratio	2000:01:00	2000:01:00	2000:01:00	3000:01:00	3000:01:00
Zoom magnification and control	1.0x optical (fixed) / 12x digital	1.8x Manual	1.5x motorised (with standard lens)	1.3x motorised	1.3x motorised
Throw ratio (100" type)	0.56:1	1.39 - 2.51:1	1.49-2.24:1 (with standard lens)	1.02 - 1.32:1	1.02 - 1.32:1
Projection distance coverage	0.35m - 3.64m	1.2m - 16.2m	1.3m - 29.0m (with standard lens)	0.9m - 17.7m	0.9m - 17.7m
Distance for 100" image	1.2m	3.0m - 5.4m	3.2m - 4.8m (with standard lens)	2.2m - 2.9m	2.2m - 2.9m
Screen size	0.76m - 7.6m (30" - 300")	1.0m - 7.6m (40" - 300")	1.0m - 15.0m (40" - 600")	1.0m - 15.0m (40" - 600")	1.0m - 15.0m (40" - 600")
Keystone correction	H & V: +/- 12° Manual	H & V +/- 20° Manual	H & V: +/- 20° Manual	H & V: +/- 20° Manual	H & V: +/- 20° Manual
Lens shift	Manual: V: 0-75%, H: +/-10%	Manual: V: 0-60%, H: +/-10%	Motorised: V: -15-55%, H: +/-10%	Motorised: V: +/-60%, H: +/-10%	Motorised: V: +/-60%, H: +/-10%
Digital video input	HDMI	HDMI	HDMI	2 x HDMI v1.4	2 x HDMI v2.0 (HDCP 2.2)
Digital RGB input	DVI-I 29-pin	DVI-I 29-pin	DVI-I 29-pin	4 x DVI-D 25-pin	4 x DVI-D 25-pin
Analogue RGB input	Mini D-Sub 15-pin	Mini D-Sub 15-pin	Mini D-Sub 15-pin	-	-
Component video input	Via adapter cable (optional)	Via adaptor cable (optional)	Via adapter cable (optional)	-	-
HDBaseT input	RJ-45	RJ-45	RJ-45	-	-
Wi-Fi connectivity	IEEE 802.11b/11g/11n	IEEE 802.11b/11g/11n	-	-	-
Audio input	2x 3.5mm mini-jack	2 x 3.5mm mini-jack	2x 3.5mm mini-jack	3.5mm mini-jack	3.5mm mini-jack
Audio output	3.5mm mini-jack (variable level)	3.5mm mini-jack (variable level)	3.5mm mini-jack (variable level)	3.5mm mini-jack (variable level)	3.5mm mini-jack (variable level)
Network port	RJ-45 / HDBaseT	RJ-45 / HDBaseT	RJ-45 / HDBaseT	RJ-45	RJ-45
Service port / projector control	RS-232C, USB Type A, RJ-45	RS-232C, USB Type A, RJ-45	RS-232C, USB Type A, RJ-45	RS-232C, USB Type A, RJ-45	RS-232C, USB Type A, RJ-45
Direct power ON / OFF	Yes	Yes	Yes	Yes	Yes
Built-in speaker	5W	5W	5W	5W	5W
Lamp life	Up to 3000h / 5000h (Eco mode)	Up to 3000h / 5000h (Eco mode)	Up to 3000h / 4000h (Eco mode)	Up to 3000h / 4000h (Eco mode)	Up to 3000h / 4000h (Eco mode)
Noise level	Normal: 37dBA Eco: 30dBA	Normal: 37dBA Eco: 30dBA	Normal: 40dBA Eco: 36dBA	Normal: 39dBA Eco: 34dBA	Normal: 39dBA Eco: 34dBA
Dimensions incl protrusions (W x H x D)	337 x 136 x 415mm	337 x 136 x 370mm	380 x 170 x 430mm	470mm x 175mm x 533.5mm	470mm x 175mm x 533.5mm
Weight	6.3kg	5.9kg	8.5kg (without lens)	17.6kg	18kg
Accessories	Ceiling bracket RS-CL16: 1214C001AA	Ceiling Bracket RS-CL14: 0072C001AA	Ceiling Bracket RS-CL11: 4969B001AA	Ceiling bracket RS-CL15: 0964C001AA	Ceiling bracket RS-CL15: 0964C001AA
	Air filter RS-FLO2: 8379B001AA	Air Filter RS-FLO2: 8379B001AA	Air Filter RS-FLO1: 4971B001AA	Air Filter RS-FLO3: 0963C001AA	Air Filter RS-FLO3: 0963C001AA
	Carry bag RS-CIBG01: 0039X528	Carry bag RS-CIBG01: 0039X528 Top cover (dark grey) RS-TC01: 5471B001AA	Lamp & air filter RS-LP10F: 1286C001AA	Lamp & air filter RS-LP10F: 1286C001AA	Lamp & air filter RSLP10F: 1286C001AA
	Lamp RS-LP08: 8377B001AA	Lamp RS-LP08: 8377B001AA	Lamp RS-LP09: 9963B001AA		
	Optional foot RS-FT01: 8380B001AA	Optional foot RS-FT01: 8380B001AA			

All models available as a dedicated medical installation projector that offer DICOM 14 compliance (XEED 4K501ST & XEED 4K500ST have built in DICOM sim mode as standard)

Bring the inaccessible within reach; Canon's ultra compact and lightweight native 4K projector.



Enjoy next-generation image quality and flexibility with today's smallest* native 4K (4096 x 2400) installation projector, weighing only 18Kg. Its 5,000 lumens, 4K LCOS panels and 4K Canon lens deliver breathtaking results.



4K wide zoom lens

You can enjoy full benefit of your investment from any throw distance due to the new 4K lens' constant F2.6. With brightness remaining consistent across the range you can be sure of image quality whether used at it wide or telephoto position across screens sized from 40" - 600" without any image distortion.

Ideal for the simulation market with a projection ratio of 1.0-1.3:1 a 120" large image can be projected from just 2.7m.

LCOS Panels

Liquid Crystal on Silicon panel technology uses liquid crystals in place of mirrors found on DLP panels.



Featuring the smallest class 0.76" LCOS panel with 4K resolution the result is exceptional quality images at a native resolution of 4096 x 2400 pixels.



Aspectual Illumination System

Canon's custom AISYS 5.0 optical system independently controls the light coming from the light source in the vertical and horizontal directions. This achieves high brightness in a compact size whilst maintaining contrast.



Dual Image engine

Enjoy smooth reproduction of uncompressed 4K video at 60 frames per second using high speed image processing technology.

The XEED 4K501ST is equipped with two uniquely developed 4K high performance image processors.

Native 4K resolution delivers stunning detail

Offering native 4K (4096 x 2400) resolution in a compact chassis, the XEED 4K500ST is the smallest and lightest installation projector in the market.* 4K resolution delivers astonishingly sharp and detailed text, smoother graphics and striking images from both computer and video sources.

Iris function

If a higher contrast ratio is required over brightness then by changing the position of the mechanical iris the brightness may be decreased and the contrast increased enabling greater clarity for dark image projection or to enable a change of F number to aid curved projection setup.

Marginal focus

By applying marginal focus adjustment the centre of the screen remains in focus whilst the edges are adjusted to ensure that images remain in focus when using concave or convex domed projection.

Low latency

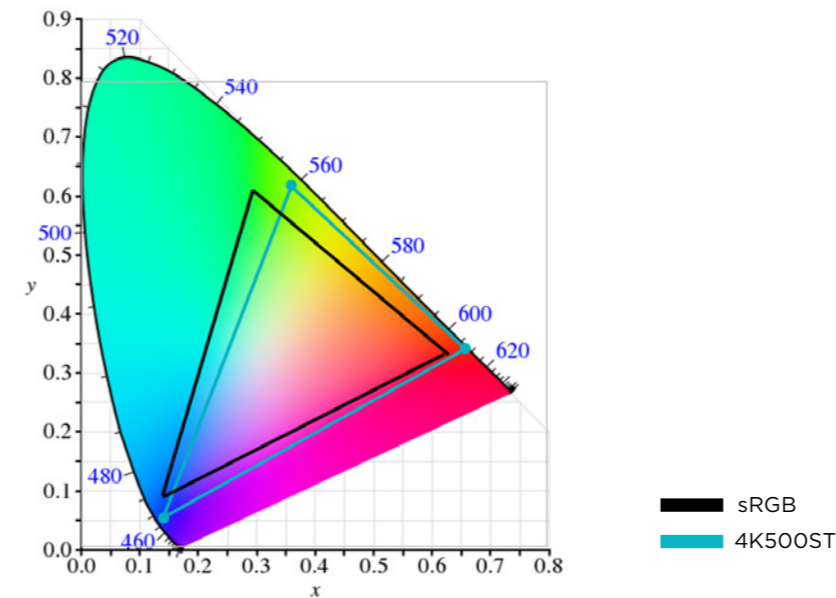
Near immediate response time with low latency of 1 frame @ 60Hz, 16.6ms

Motion blur reduction

Clear video reproduction with motion blur reduction, that can be set to low or high depending on the user requirement and display content.

Colour space

For simulation applications, CAD, design or medical Canon's AISYS (Aspectual Illumination System) working with the LCOS panels and dual image engine delivers outstanding colour quality, brightness and contrast.



Outstanding flexibility and convenience

The XEED 4K501ST is designed to easily achieve great results from almost any position. +/-60% motorised lens shift makes it straightforward to adjust image positioning without tilting or repositioning the projector. 4-corner keystone correction ensures images stay perfectly geometrical.

Edge blending

High definition edge-blending technology helps you produce beautiful blended images from multiple XEED 4K501ST projectors and apply corrections at individual pixel level. 5 point adjustment lets you adjust RGB pixels by just 0.1 pixel, for clearer reproduction on curved and dome screens.

Versatility in action

Thanks to its 4 x DVI-D and 2 x HDMI 2.0 inputs, it's effortless to connect the XEED 4K501ST to multiple 4K sources including digital video and computers. 4K movies can be delivered over a single HDMI cable with low levels of motion blurring, while simulation environments will benefit from near-immediate response times with just a 16.6ms delay. Curved surface projection technology gives you control over peripheral focus - in addition to the projector's general focus - for faithful image reproduction even on dome-shaped.

Easy maintenance, low-cost ownership

Alongside its compact and durable design, the XEED 4K501ST combines hassle-free ownership with low running costs. The lamp and air filter are easy to replace without dismantling the projector. Class-leading energy efficiency** of just 470W in Eco mode and just 0.35W in standby mode minimising your running costs. Press the dedicated ECO button to optimise every parameter and enjoy the lowest energy consumption.

*Correct at time of publication
** vs. projectors with comparable brightness



XEED 4K501ST

XEED Install Range

Simulation, visualization, museums, design studios and medical environments can easily enjoy stunning 4K images with the XEED 4K501ST.

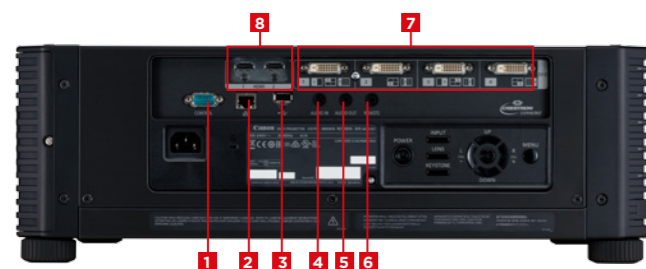


Enjoy next-generation image quality and flexibility with today's smallest* native 4K (4096 x 2400) installation projector, weighing only 18Kg. Its 5,000 lumens, 4K LCOS panels and 4K Canon lens deliver breathtaking results.

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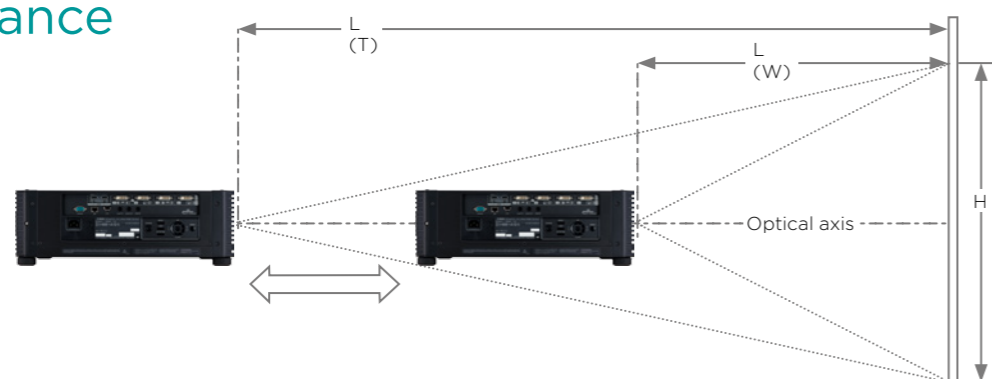
- Compact, lightweight installation projector with native 4K (4096 x 2400) resolution
- AISYS optical system and 3 x 4K LCOS panels for smooth, clear images
- 4K glass wide-zoom lens and 5,000 lumens keep images bright across the zoom range
- Native 3000:1 contrast ratio for deep, pure colours and rich, true blacks
- Flexible Canon 1.3x zoom projection lens with motorised horizontal and vertical lens shift
- Four corner keystone correction and HD edge-blending maximise installation options
- DVI and HDMI 2.0 inputs offer compatibility with digital video and computer sources
- 1.0 frame delay rate and new stability system optimises performance with 4K movies
- Curved surface projection technology for peripheral focus and excellent depth of field
- Durable design is easy to maintain, keeping your total cost of ownership low

Connectivity



- 1 Dsub RS-232C
- 2 RJ-45 network connector
- 3 USB type A
- 4 Mini jack stereo audio in
- 5 Mini jack stereo audio out
- 6 Wired remote control
- 7 DVI-D (Dual link) x 4
- 8 HDMI 1.4 x 2

Throw Distance



XEED WUX6010

XEED Install Range

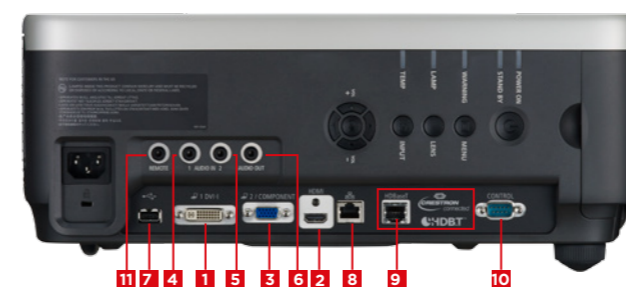
WUXGA resolution, high brightness and top quality optics make this the no-compromise installation projector.



Achieve breath-taking images with Canon's XEED WUX6010 installation projector, featuring native WUXGA resolution, 6000 lumens colour brightness, HDBaseT and a choice of five high-quality optional lenses

- Achieve detailed, ultra-realistic images with native WUXGA resolution (1920 x 1200)
- Deliver outstanding brightness with 6000 lumens and a 2000:1 contrast ratio
- Create vivid images with accurate colours, using LCOS panel technology
- Transmit HD images, audio and control signals via a single cable with HDBaseT
- Choose from five high-quality interchangeable Canon projection lenses
- Motorised lens shift, zoom and focus for fast and accurate installation
- Project picture-by-picture from two digital sources
- New advanced image processor includes features like hardware edge blending, picture-by-picture and four corner keystone correction
- Easy access to the lamp and air filter helps keep maintenance costs down

Connectivity



- 1 DVI-I (Digital PC / Analogue PC)
- 2 HDMI (with audio, supporting Deep colour)
- 3 Mini D-Sub (Analogue PC / Component video)
- 4 Mini jack (Stereo audio in 1)
- 5 Mini jack (Stereo audio in 2)
- 6 Mini jack (Stereo audio out)
- 7 USB Type A
- 8 RJ-45 network connector
- 9 HDBaseT
- 10 DSub9 RS-232C connection
- 11 Mini jack (Wired remote control)

Compact, high-performance WUXGA installation projector with versatile connections



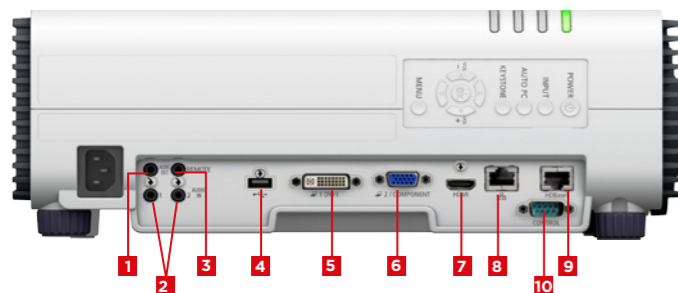
Enjoy superior image quality and versatile connections with this WUXGA compact installation projector, which features LCOS technology, constant 5000 lumens brightness and a Canon quality 1.8x zoom lens plus HDBaseT and Wi-Fi.

- Achieve detailed, ultra-realistic images with native WUXGA resolution (1920 x 1200 pixels) and Full HD capability
- Enjoy a vivid 5000 lumens constant* brightness and native 2000:1 contrast ratio
- Create smooth, seamless images with vivid, accurate colours using LCOS panel and AISYS technology
- 1.8x zoom lens with manual lens shift, zoom and focus for fast and accurate installation
- Connect to a wide variety of devices thanks to HDBaseT connection and Wi-Fi for wireless LAN with Network Multi Projection (NMPJ)

- Advanced imaging features include hardware edge blending, picture-by-picture and four corner keystone correction
- PC-free multi projection via USB using up to nine projectors
- HDMI and RJ-45 network ports
- Easy access to the lamp and air filter helps keep maintenance costs down
- Energy efficient with up to 5000h lamp life and only 30dBA in ECO mode

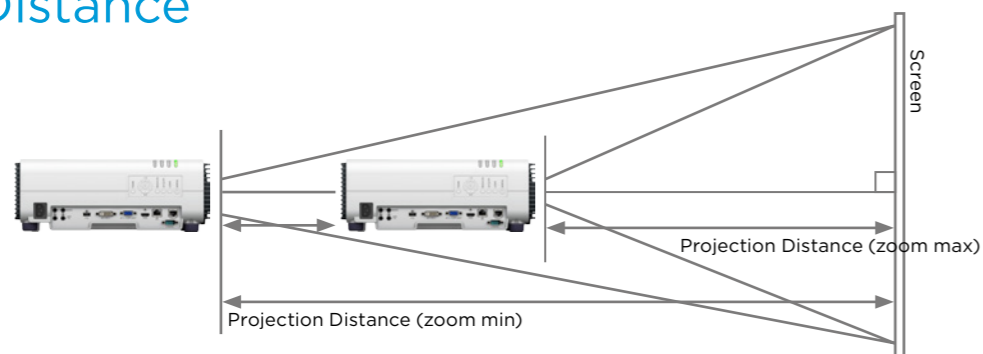
*Based on a single image size. Brightness may decrease by up to 5%.

Connectivity



- 1 Mini jack (Stereo audio out)
- 2 Mini jack (Stereo audio in x 2)
- 3 Mini jack (Wired remote control connection)
- 4 USB (Firmware upgrade, PC-less presentation)
- 5 DVI-I (Digital PC / Analogue PC)
- 6 Mini Dsub 15 (Analogue PC / Component)
- 7 HDMI (incl audio, supporting deep colour)
- 8 RJ-45 (1000Base-T/100Base-TX/10Base-T)
- 9 RJ-45 HDBaseT (Supports NMPJ & Crestron)
- 10 DSub9 RS-232C connection

Throw Distance



Compact WUXGA short throw installation projector with lens shift.

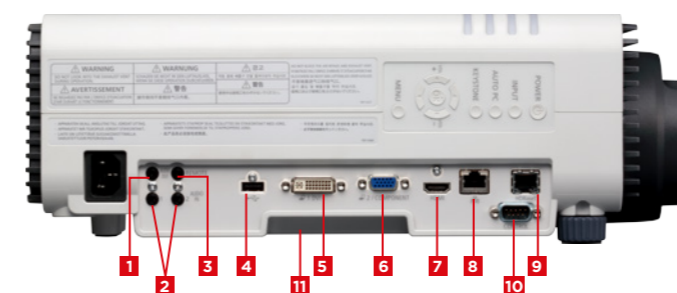


This bright and versatile WUXGA short throw compact installation projector delivers 4,500 lumens and offers HDBaseT and 75% vertical lens shift to create an outstanding choice of installation options.

- Clear, detailed images thanks to native WUXGA (1920 x 1200) resolution
- Near-distortion-free projections from the Canon short throw lens
- Bright, engaging images via 4,500 lumens brightness
- Deep, lifelike colours from the 2000:1 native contrast ratio
- Outstanding installation flexibility including 75% vertical lens shift

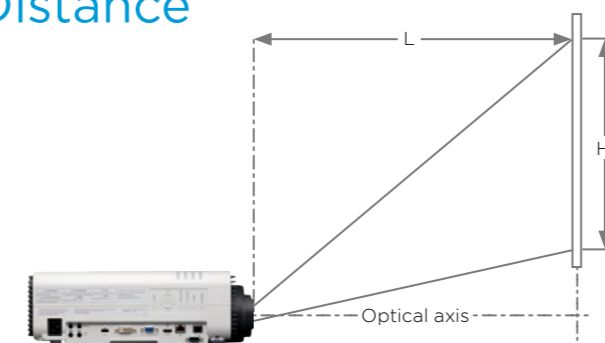
- Extensive connectivity choices include HDBaseT, HDMI™ and DVI inputs plus Wi-Fi
- Flexible picture-by-picture and edge blending options
- PC-less presentation via USB for up to 9 connected projectors using LAN
- Exceptional energy efficiency, 5,000h lamp life and only 30dBA in Eco mode

Connectivity



- 1 Mini jack (Stereo audio out)
- 2 Mini jack (Stereo audio in x 2)
- 3 Mini jack (Wired remote control connection)
- 4 USB (Firmware upgrade, PC-less presentation)
- 5 DVI-I (Digital PC / Analogue PC)
- 6 Mini Dsub 15 (Analogue PC / Component)
- 7 HDMI (incl audio, supporting deep colour)
- 8 RJ-45 (1000Base-T/100Base-TX/10Base-T)
- 9 RJ-45 HDBaseT (Supports NMPJ & Crestron)
- 10 DSub9 RS-232C connection
- 11 Built in Wi-Fi (IEEE 802.11b/g/n)

Throw Distance



Supreme flexibility for a wide range of industries

Canon Installation projectors have been designed to fulfil the needs of a wide range of environments, leveraging the quality standards for which Canon is renowned.



For Business

In commercial environments like boardrooms and meeting rooms, the XEED Installation range's superb performance in both ambient and controlled lighting represents a powerful advantage. They are tailor-made for large venues, projecting diagonal images of up to 600".

For high-end conference centres that offer HD projector facilities as a differentiator, the projectors' clarity and precision – whether with photos, video or presentation graphs and charts – will create a premium-brand impression.

Simplify the installation process through HDBaseT allowing audio, image and control signals via a single LAN cable of up to 100m in length.

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 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 XEED Installation range 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 projectors' performance.

With stunning visuals now a frequent requirement for these types of environment, the XEED range's high resolution capabilities and 360° installation offer endless scope for sparkling creativity.

In multi-projector environments like domes, planetariums and retail stores, the projectors' precise colour matching and deep colours deliver a memorable and compelling experience. For unmatched convenience, essential controls like zoom, focus and lens shift are adjustable via remote control – so one person can easily set up a projector alone. Imagine the time this feature could save you – for example when adjusting projectors that are stacked, ceiling mounted or arranged in display walls.

For Medical Environments*

The XEED Installation range includes four dedicated Medical Installation projectors. These make a powerful addition to any PACS (Picture Archiving and Communication System), providing a reliable platform for radiological case discussions in hospitals, private medical centres and dentistry practices.

Medical imaging demands extremely accurate reproduction of greyscales, so the XEED Medical Installation range's precise and accurate projection of X-ray and MRI images in any size of room represents compelling advantage. XEED Medical Installation projectors offer an out-of-the-box DICOM simulation mode as standard.

Ideal choice: WUX450ST Medical, WUX500 Medical and WUX6010 Medical. XEED 4K500ST and XEED 4K501ST feature DICOM Sim mode as standard.

*XEED projectors are not approved for diagnostic purposes.

The quality your environment demands

XEED Installation projectors are tailor-made for Business, Technical Colleges and Higher Education, Professional Photographers, Public Display, Engineering and Design or Simulation and Control Rooms. Dedicated medical models offer the same high performance along with specialist features for healthcare environments.

For Engineering and Design

3D modelling and prototyping, architecture, mapping and CAD environments depend on projecting images with absolute clarity and accuracy. 4K resolution (4096 x 2400) and WUXGA resolution (1920 x 1200) ensures that fine lines and small text are sharp and easily legible.

Meanwhile creatively-focussed businesses like fashion houses and advertising agencies will appreciate the superb accuracy and faithfulness enabled by the six-axis colour adjustment and new 3D look up table. A wide choice of preset image modes – such as Presentation, Dynamic and sRGB – 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 4K resolution or WUXGA resolution. These environments are frequently 'always on', especially at the higher end of the market.

With longer lasting and easily-replaceable air-filters, plus a lamp life of up to 4000 hours (Eco mode), the XEED range marriage of premium image quality, durability and low running costs will find a natural home in these tough environments.

For Professional Photographers

The WUX6010's bright, high contrast projections are tailor made for showcasing the subtle tones in professional photographs. Up to 6000 lumens, a high aperture ratio and colour matching that rivals professionally calibrated projectors create silky images that showcase your creativity, enchant your clients and maximise your sales.

Reliable performance and modest running costs give Canon Installation projectors a low total cost of ownership; while their dependable operation won't let you down in front of clients.



Key features enhance user and audience experiences

Remote control power

Essential controls like motorised zoom, motorised focus and motorised lens shift are adjustable via remote control, making adjustment simple wherever the user or projector are situated.

Exact colour matching

With Delta-E94 measurement that indicates how much a colour deviates from an accepted standard, all models achieve colour matching of similar quality to professionally calibrated devices: delivering results that are visibly close to the quality of an sRGB monitor.

Test patterns facilitate easy setup

All XEED projectors feature 26 test patterns - an essential asset in both single and multi-projector environments and a valuable aid for system integrators and professional installers.

Precision projection

Half pixel accuracy gives projects faithful images in environments where precision is paramount.

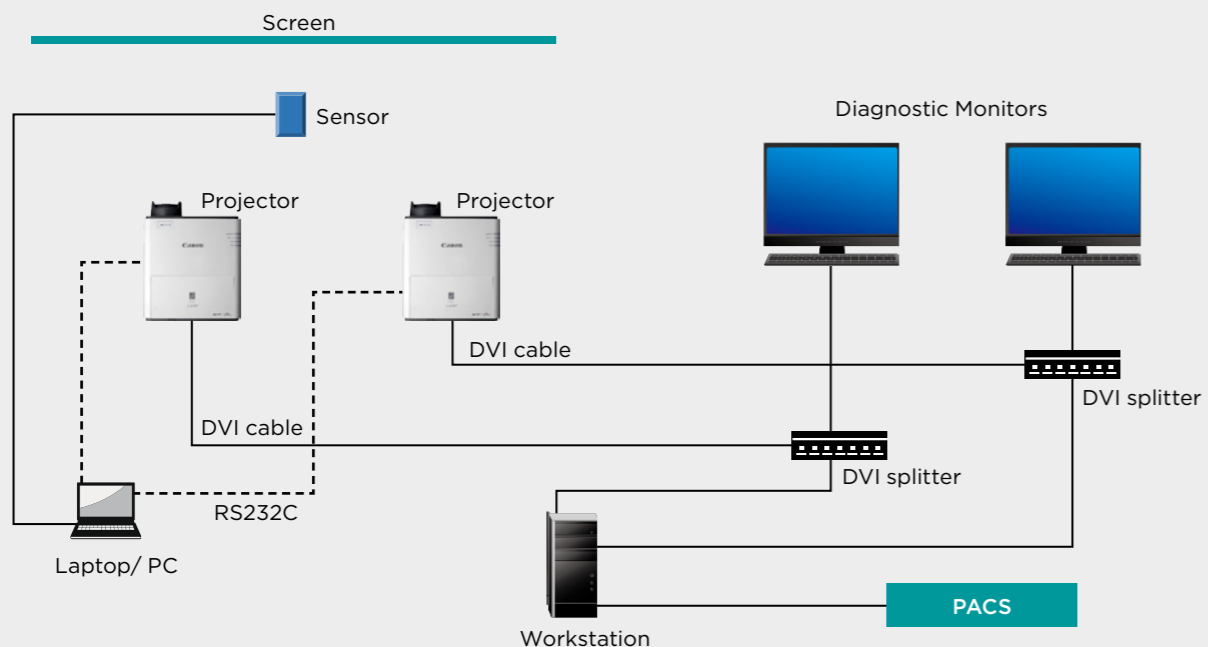
WUX6010
Remote Control

4K500ST
Remote Control

Giving all the image accuracy you need

Medical imaging demands extremely accurate reproduction of greyscales if patient conditions are to be illustrated faithfully. Combining the benefits of Canon's LCOS panel technology with ultra-bright, high resolution imaging - WUXGA (1920 x 1200) and 4K (4096 x 2400) pixels - XEED offers seamless projection and optimal reproduction of medical images.

In hospitals, private medical centres and dentistry practices, Canon XEED projectors are a powerful addition to any PACS (Picture Archiving System), providing a reliable platform for radiological case discussions. Teaching hospitals and university medical school will appreciate XEED's precise and accurate projection of X-ray and MRI images in any size of room.

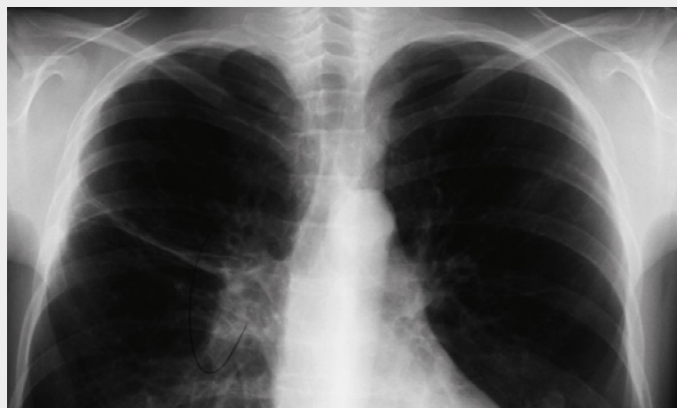


DICOM simulation mode

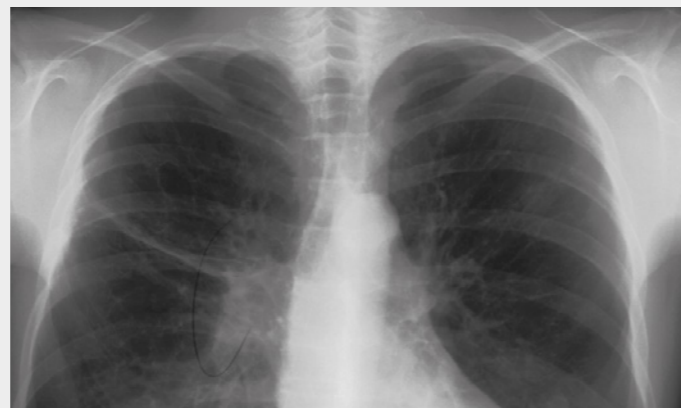
Out-of-the-box DICOM simulation

Optimising images to human visual perception, the DICOM (Digital Imaging and Communication in Medicine) 14 standard sets the benchmark in digital radiology. The XEED 4K501ST, XEED 4K500ST, WUX6010 Medical, WUX500 Medical and WUX450ST Medical all offer a DICOM simulation mode.*

The DICOM SIM mode features 21 different levels of greyscale reproduction, based on varying combinations of luminance and contrast. The result is a flexible solution that can be used in various ambient lighting conditions. In addition, the range of DICOM pre-sets available makes it far easier to accurately match twin screens when required.



Without DICOM simulation mode



With DICOM simulation mode

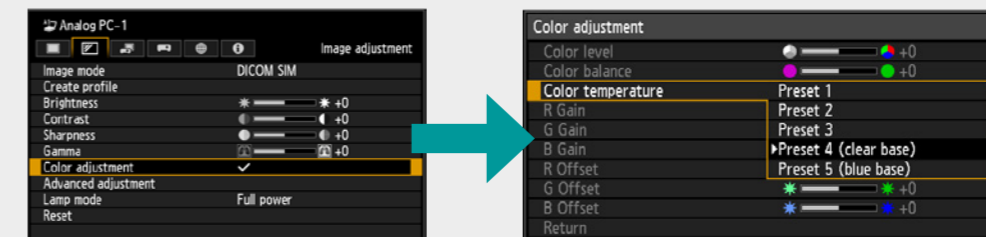
*XEED projectors are not approved for diagnostic purposes

Accurate image display with DICOM sim colour temperature adjustment

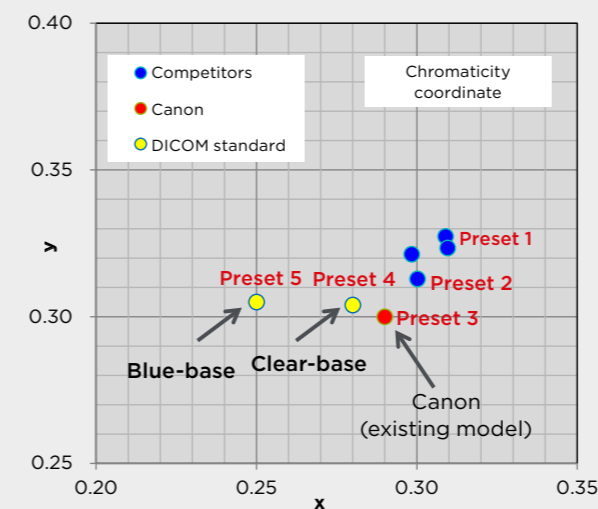
To simplify the set-up procedure several pre-sets are available in the image adjustment menu allowing the user to accurately choose the required standards based on DICOM 14 compliance.

By applying a custom gamma curve these pre-sets optimise the detailed display of black, white and grey.

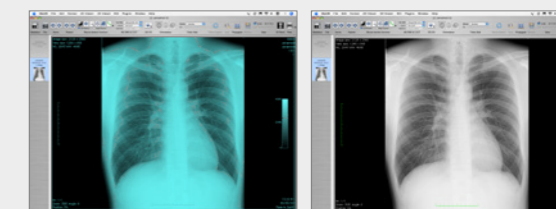
How to change colour temperature



- Supports two DICOM SIM mode standards (Blue base and Clear base)
- Users can adjust the colour tone according to preferences.



Two options are available for supporting both Blue Base and Clear Base DICOM sim standards. The colour tone within each pre-set can be adjusted to the users requirements.



Blue-base

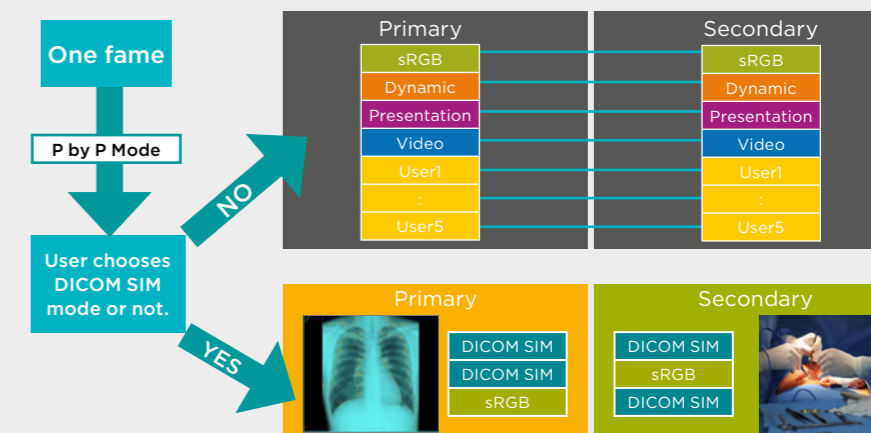
Clear-base

Flexible image display with Picture by Picture control

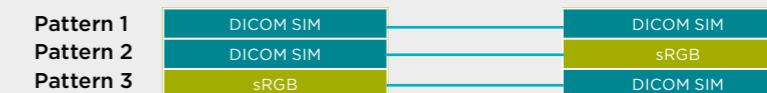
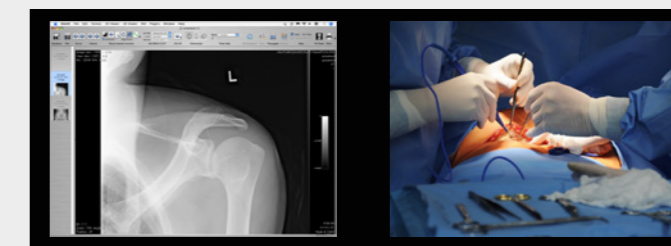
Ideal for the medical market but also for education and other applications, multiple digital inputs can be selected to display simultaneously on the screen.

PC, Blu-ray or DVD player, AV equipment can all be connected via DVI or HDMI and combinations selected for display at the same time.

As well as choosing the input signal the display mode can also be selected for each input.



This function allows for the medical market to use DICOM sim mode to accurately display grey scale on one side of the screen whilst retaining an sRGB signal for full colour display on the other side.

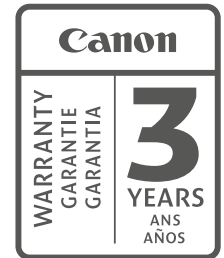


Pattern 1
Pattern 2
Pattern 3

An enhanced warranty loan service as standard

The Canon Three Year Enhanced Warranty Loan Service helps keep your installation operational.+

Under the terms of the warranty, a next-day* loan projector is provided while the original device is repaired or serviced.



Three Year Lamp Warranty

For added peace of mind, XEED projectors can be covered by the Canon Three Year Lamp Warranty.+ The standard 90-day warranty can be extended to three years, free of charge, simply by registering the projector registering the projector within 60 days of purchase. Once registered, the owner is entitled to up to three replacement lamps over a three year period, including free delivery.



+ Selected territories only.

* Next day means that where possible, the loan product will be provided on the day after the repair request. If the request is received after midday, on a weekend or a public holiday, the loan product will be received within two days. This loan service is subject to full terms and conditions.

Support

For more support on a specific projector please visit:
www.canon-europe.com/support

Detailed Installation Information

To aid with installation please see the following link which includes an interactive throw distance calculator and a download section for technical drawings, CAD data and specifications:
www.Canon.com/lcd-sim/

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