HITACHI Inspire the Next

Projectors Installation series



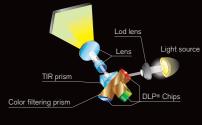
HITACHI



												•		u				5000	series
	K series	9	0000 9	serie	es					8	6000 s	serie	S						series
Model Name	CP-WU13K	CP-X9110	CP-WX9210	CP-WU9410 CP-WU9411	NEW CP-HD9320 CP-HD9321	CP-X8170	CP-WX8265	CP-WU8460	NEW CP-WU8461	CP-X8160	CP-WX8255A	CP-WU8450	NEW CP-WU8451	CP-SX8350	CP-X8150	CP-WX8240A	CP-WU8440	CP-X5022WN	CP-WX4022WN
Display System	3-Chip DLP®		1-Chip	DLP®							3	LCD						3 L	CD
Light Output (Brightness)	13,000lm	10,000lm	8,500lm	8,500lm	8,200lm	7,000lm	6,500lm	6,000lm	6,000lm	6,000lm	5,500lm	5,000lm	5,000lm	5,000lm	5,000lm	4,000lm	4,200lm	5,000lm	4,000lm
Resolution	WUXGA	XGA	WXGA	WUXGA	Full HD	XGA	WXGA	WUXGA	WUXGA	XGA	WXGA	WUXGA	WUXGA	SXGA+	XGA	WXGA	WUXGA	XGA	WXGA
	1,920 x 1,200	1,024 x 768	 1,280 x 800	 1,920 x 1,200	1,920 x 1,080	1,024 x 768	1,280 x 800	1,920 x 1,200	1,920 x 1,200	1,024 x 768	1,280 x 800	1,920 x 1,200	1,920 x 1,200	1,400 x 1,050	1,024 x 768	1,280 x 800	1,920 x 1,200	1,024 x 768	1,280 x 800
Light Source	465W x 2		370W x 2		365W x 2		36	5W				330W				245W		24	5W
Standard Outside Dimensions (W x H x D)	500mm x 270mm x 633mm (19.7" x 10.6" x 24.9") (Excluding lens and protruding parts)		537mm x 170 (21.1" x 6. cluding lens an	.7" x 17.2")	irts)						498mm x 135 (19.6" x 5 (Excluding pr	5mm x 396mm .3" x 15.6") rotruding parts)						401mm x 103 (15.8" x 4. (Excluding pro	1" x 12.5")
Weight	Approx. 34.0kg (75.0lbs.) (Excluding lens)	Approx	x. 16.6kg (36.6	lbs.) (Excluding	lens)		Approx. 8.8kg	(19.4lbs.)	Approx. 9.2kg (20.3lbs.)	Approx. 8.8kg (19.4lbs.)	Approx. 8.7kg (19.2lbs.)	Approx. 8.8kg (19.4lbs.)	Approx. 9.2kg (20.3lbs.)	Approx. 8.7kg (19.2lbs.)	Approx. 8.4kg (18.5lbs.)	Approx. 8.4kg (18.5lbs.)	Approx. 8.7kg (19.2lbs.)	Approx. 4.6	kg (10.1lbs.)
Main Features	3G / HD / SD-SDI 2 HDMI input Dual Lamp Lamp Power Mode Edge Blending Motorized Zoom , Focus, and Lens Shift	Moto	HD Built-in Dual HDB Dual I	UALIZER OCR Color Wheel laseT Lamp dending ection (Warping itor Display bocus, and Lens	Shift	ACC HDC P High Effic 36 Statu Motorized Zo	P HDMI input CENTUALIZE R (CP-WU846 by P / P in P ciency Optical Slim Design 60° Projection s Monitor Disp om , Focus, and seT (CP-WU84	R 61) System J olay I Lens Shift		P by P (exce F	HDCR (CP- pt for CP-X816 -ligh Efficiency Slim D 360° Pro Status Moni	R (CP-WU845 -WU8451) 60) / P in P (CF Optical System lesign ojection itor Display wcus, and Lens Sh andard Lens	P-WU8451)		y P (CP-WX82 High Efficiency	v Optical Systen Design	1	1.7x Zoo Intellige Instant Manual V +	ent ECO : Stack

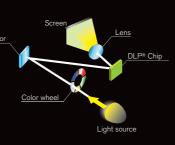
3-Chip DLP®

Each chip is divided by a light prism into each of the three primary color chips instead of the light being directed into one unique chip. The light is then redirected and combined through the projector lens as the image. This 3-chip system makes images natural with vivid colors.



1-Chip DLP®

Projection method that uses a single DLP[®] chip to switch the red, green, and blue signals according to the color wheel. This method provides excellent color uniformity of images, durability, and is ideal for multiple projections and 24-hour use.



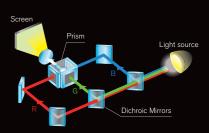






3 LCD Chips with Inorganic Alignment Layers

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.



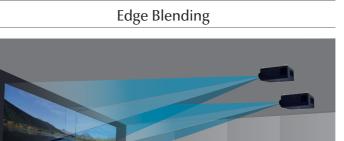




K series



Advanced Installability and System Features for Various Uses



The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors.



P by P / P in P Functions

Images from two input signals can be projected on one screen at the same time. Picture by Picture (P by P) enables you to compare two images side by side. Picture in Picture (P in P) enables you to display one image within another image. These functions are handy when you need to compare two sets of data or other material. *Depending on the input signal, some combinations of simultaneous displays may not be available. The motorized lens shift lets you choose more convenient installation location, even for large spaces. The figure shows the lens shift range at the ceiling mounting position. *Not available with FL-K01 lens.





main area

'main area 'sub area

sub area

Project images with vivid colors with

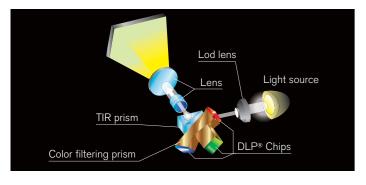
high-definition on large screens. The bright 13,000-lumen flagship

model with Full HD support.

High Brightness and Image Quality That Deliver Bright Vivid Colors

3-Chip DLP®

Each chip is divided by a light prism into each of the three primary color chips instead of the light being directed into one unique chip. The light is then redirected and combined through the projector lens as the image. This 3-chip system makes images natural with vivid colors.



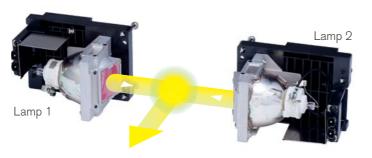
WUXGA

The projectors support high resolution WUXGA that covers Full HD. You can fully enjoy wide-screen images with a sense of reality.



Dual Lamp

Equipped with a dual lamp system that achieves a high brightness of 13,000lm. The period between lamp maintenance can be extended by using the single lamp mode, which automatically chooses and turns on the lamp with lower usage hours.



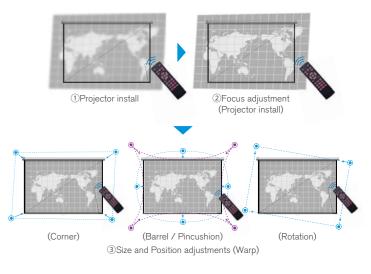
Brightness

Lamp mode		Brightness	
Dual	Normal	13,000lm	
	Eco	10,000lm	
	Power	10,000 - 13,000lm	
Single	Normal	6,500lm	
	Eco	5,000lm	
	Power	5,000lm - 6,500lm	

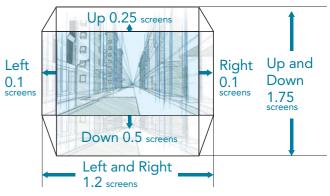
Power mode is useful to keep brightness consistent when using multiple projectors.

Powered Focus and Warp

The position of the four corners, sides, and rotation of a projected image can be adjusted with Warp. Focus can be adjusted with Powered Focus. The focus and position can easily be adjusted with the remote control.



Motorized Lens Shift



Digital connectivity

High Brightness and Image Quality that Express Images Brilliantly

4 Digital Inputs

The projector provides 4 digital inputs consisting of HDMI (x2), SDI and DVI to handle many types of installation environments.

** The 3D DVI input terminal supports the WUXGA /1080 signals only. No OSD functions are available while the 3D DVI input is selected.

SDI

Equipped with an SDI input - the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.

Terminals





Ensuring High Reliability and Stability

Hybrid Filter

The finely crafted form of the projectors incorporates a two-layer filter, providing defense against dust with a pleats type filter and urethane filter. Thanks to its long life and easy maintenance, this model is ideal for use in retail, digital signage, and other environments where the projector is in constant use.



DICOM[®] Simulation Mode

The DICOM[®](Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM® Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have a DICOM® Simulation Mode. This mode simulates the DICOM® standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis. Comparison photos are simulations.

Six lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

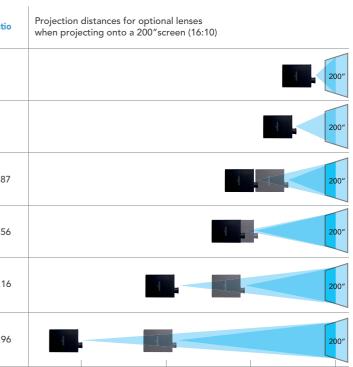
		Projection distance for 200" screen (16:10) (Projector's front panel to screen)	Throw ratio
Short	•K01 throw lens zoom	3.0m	0.67
Short	•K02 throw lens zoom	5.0m	1.12
Short	throw zoom lens	6.1 - 8.2m	1.39 - 1.87
Stand	K04 lard zoom lens i: x1.3	8.2 - 11.1m	1.87 - 2.56
	•K05 throw zoom lens : x1.6	11.1 - 18.0m	2.56 - 4.10
Ultra	-K06 long throw zoom lens :: x1.6	18.0 - 30.0m	4.16 - 6.96



Normal Mode

Variety of Interchangeable Lens Options

Lenses are all optional





High Brightness and Image Quality That Deliver Bright Vivid Colors

Built-in Dual Color Wheel

Two color wheels are built in to match usage conditions. By switching the color wheel, you can achieve an image quality to match the projected image.

Previously requiring the services of an expert, Hitachi unique



Reproduces color in levels equivalent to digital cinema. Ideal for use in museums and for viewing videos that emphasize color.

Hitachi original technology makes

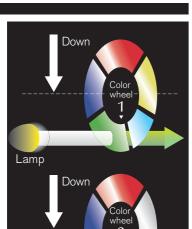
pictures look more real by enhancing

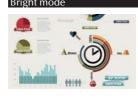
shade, sharpness, and gloss to make pictures as clear as pictures

on a flat-panel device. You can also

adjust the effects by three levels

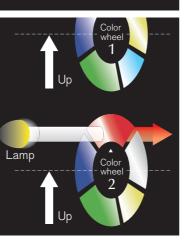
according to your surroundings.





to install the color wheel.

Prioritizes brightness and sharpens white colors. Achieves projections with contrast and bright images, making it ideal for presentations and other situations that require the sharing of information.



technology allows you to switch the color wheel in about 10

seconds with the remote control without having to open the chassis

ACCENTUALIZER

ACCENTUALIZER OFF



Original image



Increased shade, sharpness, and gloss



HDCR (High Dynamic Contrast Range)



When average projectors are used in bright rooms, the darker areas of images are obscure and images become unclear.

Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increased contrast occurs. This results in clear images even in bright rooms.



Dark areas are clear. (Distinc

Full HD and WUXGA

The projectors support high resolution Full HD* and WUXGA** that covers Full HD. You can fully enjoy wide-screen images with a sense of reality. * CP-HD9320 and CP-HD9321 * CP-WU9410 and CP-WU9411



DICOM[®] Simulation Mode

The DICOM[®] (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM[®] Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have a DICOM[®] Simulation Mode. This mode simulates the DICOM[®] standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM[®] standard, and neither the projector nor the DICOM[®] Simulation Mode should be used for medical diagnosis. Comparison photos are simulations.

companson priotos are simulations.



rmal Mode DICOM® Simulation Mode



Dual Lamp

Equipped with a dual lamp system that achieves a high brightness of 10,000lm* in a compact body weighing only 16.6kg (36.6lbs.)**. The period between lamp maintenance can be doubled by using the single lamp mode. *CP-X9110/CP-X9111 ** Does not include lens.



Brightness

Lamp mode		CP-X9110	CP-WX9210, CP-WU9410 CP-WU9411	CP-HD9320 CP-HD9321
Dual	Normal	10,000lm	8,500lm	8,200lm
	Eco	7,500lm	6,400lm	6,200lm
Single	Normal	5,000lm	4,250lm	4,100lm
	Eco	3,800lm	3,200lm	3,100lm

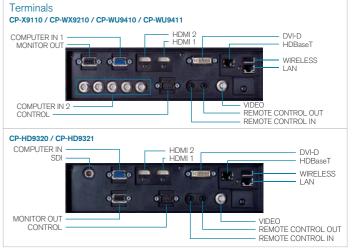
Digital connectivity

Multiple Digital Inputs

The projectors provide digital inputs consisting of HDBaseT[™], HDMI (x2), DVI-D, and SDI* to handle many types of installation environments. HDBaseT can transmit signals with no image degradation using standard LAN cables (Cat5e/6) of up to 100m. SDI* is the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.

* Only for the CP-HD9320 and CP-HD9321





Advanced Installability and System Features for Various Uses

Edge Blending



The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors. The 9000 series comes with various blending functions that meet the level users are looking for.



Use a camera and quickly perform high precision blending processing automatically. * Requires installation of a specialized application to your computer.

Automatic Blending



Perform blending processing without the use of any special equipment.

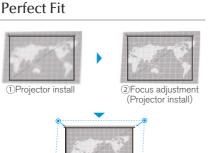


Geometric correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.



Perfect Fit

Equipped with powered focus and Perfect fit with which the position of the four corners and four sides of a projected image can be adjusted. With the remote controller at hand, you can adjust focus and the position of an image.

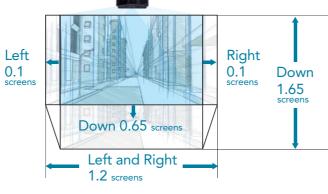


③Size and Position adjustment (Perfect fit)

Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation location, even for large spaces.

* The figure below shows the lens shift range for CP-WX9210 with the standard lens SD-903W at the ceiling mounting position.



An optional short zoom lens developed by Hitachi offers powered zoom, powered focus, and adequate lens shift. This lens increases installability of the projectors like never before.

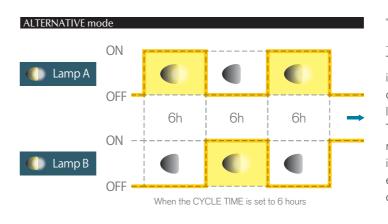


Short Zoom Lens

USI -901

All-day Use

Equipped with the highly reliable Dual Lamp System. If one lamp stops functioning while using in the DUAL mode, the other lamp continues to project the image with no interruption in the projection. Also, long hours of continuous operation is available with the ALTERNATIVE mode which alternates the use of the two lamps.



Variety of Interchangeable Lens Options

Seven lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

			Projection distance for 100" screen (Full screen) (Projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 100"screen (Full screen)
		CP-X9110	1.7 - 2.1m (66"- 82")	0.8 - 1.0	
	USL-901	CP-WX9210	1.8 - 2.2m (71"- 88")	0.8 - 1.0	
	Ultra short throw lens Zoom: x1.3	CP-WU9410,CP-WU9411	1.7 - 2.1m (67"- 84")	0.8 - 1.0	
	200m: x1.3	CP-HD9320,CP-HD9321	1.8 - 2.2m (69"- 86")	0.8 - 1.0	
	<u>ci</u> 000	CP-X9110	2.5 - 3.7m (98"- 146")	1.2 - 1.8	
1	SL-902	CP-WX9210	2.7 - 4.0m (105"- 156")	1.2 - 1.8	
	Short throw lens	CP-WU9410,CP-WU9411	2.5 - 3.8m (100"- 149")	1.1 - 1.7	100"
	Zoom: x1.5	CP-HD9320,CP-HD9321	2.6 - 3.9m (103"- 153")	1.1 - 1.7	
	SD-903W	CP-WX9210	3.7 - 5.6m (147"- 220")	1.7 - 2.6	
	Standard lens	CP-WU9410,CP-WU9411	3.5 - 5.3m (140"- 209")	1.6 - 2.4	
	Zoom: x1.5	CP-HD9320,CP-HD9321	3.6 - 5.5m (143"- 215")	1.6 - 2.4	
S	SD-903X Standard lens Zoom: x1.5	CP-X9110	3.5 - 5.2m (136"- 205")	1.7 - 2.5	
-		CP-X9110	5.1 - 7.8m (200"- 306")	2.5 - 3.8	
37	ML-904	CP-WX9210	5.5 - 8.3m (216"- 329")	2.5 - 3.8	
	Middle throw lens	CP-WU9410,CP-WU9411	5.2 - 7.9m (205"- 313")	2.4 - 3.6	100"
	Zoom: x1.5	CP-HD9320,CP-HD9321	5.4 - 8.2m (211"- 322")	2.4 - 3.6	
		CP-X9110	7.4 - 12.0m (291"- 471")	3.6 - 5.8	
	LL-905	CP-WX9210	8.0 - 12.9m (314"- 506")	3.7 - 5.9	
	Long throw lens	CP-WU9410,CP-WU9411	7.6 - 12.2m (298"- 482")	3.5 - 5.6	100"
	Zoom: x1.6	CP-HD9320,CP-HD9321	7.8 - 12.6m (307"- 495")	3.5 - 5.6	
-		CP-X9110	11.7 - 18.6m (462"- 732")	5.7 - 9.1	
	UL-906	CP-WX9210	12.6 - 20.0m (496"- 786")	5.8 - 9.2	100"
C I	Ultra long throw lens	CP-WU9410,CP-WU9411	12.0 - 19.0m (472"- 749")	5.5 - 8.8	
•	Zoom: x1.6	CP-HD9320,CP-HD9321	12.3 - 19.5m (485"- 769")	5.5 - 8.8	

360° Projection

The projectors can be installed facing any vertical 360 degree direction providing many projection possibilities. For example, you can install a projector to project onto a floor or ceiling. You can utilize the projectors in many different ways.



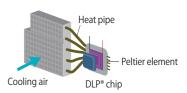
Portrait Projection*

You can project images that are vertically long by rotating the installation position of the projector 90 degrees. This feature makes it possible to provide various displays and image representations never before possible. * Only for the CP-HD9320 and CP-HD9321



Cooling System

Peltier elements are positioned on the rear surface of the DLP® chip and provide efficient cooling in environments with an ambient temperature of up to 50 degrees Celsius.



Hybrid Filter

The finely crafted form of these projectors incorporates a three-layer filter, providing defense against dust with unwoven cloth layers and an HAF (High Air Flow) filter. Thanks to its long life and easy maintenance, these models are ideal for use in retail, digital signage, and other environments where the projector is in constant use.

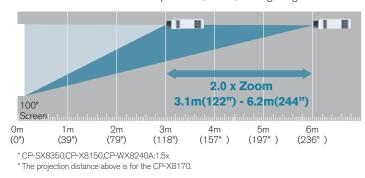
Lenses are all option



Advanced Installability and System Features for Various Uses

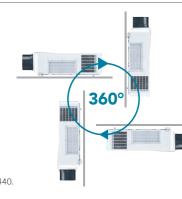
2.0x Zoom Lens

Featuring a powerful 2.0x manual zoom lens, the projectors allow for a greater range of installation possibilities. This is particularly convenient in rooms that lack installation flexibility due to ceiling obstructions such as water sprinklers, vents, and lighting fixtures.



360° Projection

The projectors can be installed facing any vertical 360 degree direction providing many projection possibilities. For example, you can install a projector to project onto a floor or ceiling. You can utilize the projectors in many different ways. * Not available with the CP-SX8350, CP-X8150, CP-WX8240A, and CP-WU8440.



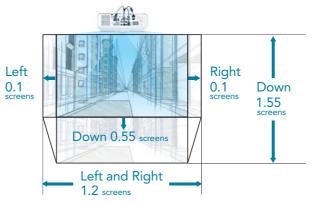
Lens Center Design

By aligning the center of the projector and lens, the installation position of the projector becomes simple during the design and construction of a facility.

Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation location, even for large spaces.

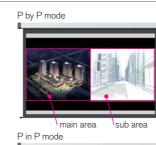
*The figure below shows the lens shift range for CP-WU8460/CP-WU8461 with the standard lens ML-703 at the ceiling mounting position.



P by P / P in P Functions

Images from two input signals can be projected on one screen at the same time. Picture by Picture (P by P) enables you to compare two images side by side. Picture in Picture (P in P) enables you to display one image within another image. These functions are handy when you need to compare two sets of data or other material.

* These functions are not available with CP-X8160, CP-X8150, and CP-SX8350. PbyP The P in P function is available with CP-X8170, CP-WX8265, P by P CP-WU8460, CP-WU8461, button and CP-WU8451.





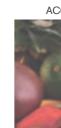
main area sub area

CP-X8170	CP-WX8265	С
XGA 7,000lm	WXGA 6,500lm	V
CP-X8160	CP-WX8255A	C
XGA 6,000lm	WXGA 5,500lm	۷
CP-SX8350	CP-X8150	C
SXGA+ 5,000lm	XGA 5,000lm	1
	X8160, CP-WX8255A, CP-WU8450, CP-WU8451, CP-SX s worldwide design award that began in 1953 in Germany, Award.	

High Brightness and Image Quality that Express Images Brilliantly

ACCENTUALIZER

Hitachi original technology makes pictures look more real by enhancing shade, sharpness, and gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings.



* Only for the CP-X8170, CP-WX8265, CP-WU8460, CP-WU8461, and CP-WU8451

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker areas of images are obscure and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increased contrast occurs. This results in clear images even in bright rooms.



* Only for the CP-WU8461, and CP-WU8451

DICOM[®] Simulation Mode

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The projectors have a DICOM[®] Simulation Mode. This mode simulates the DICOM[®] standard which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM[®] standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis. Comparison photos are simulations.



Normal Mode



, CP-X8150, CP-WX8240A, CP-WU8440 rigin of modern design. These 8000 series



High Efficiency Optical System

The projectors achieve a brightness of the highest class in the industry by adopting a short arc length lamp with a small F-number lens.



Ensuring High Reliability and Stability



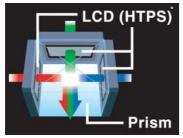
Hybrid Filter

The projectors use a three-layer filter with two layers of unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 20,000 hours* without cleaning, reducing maintenance time.

* 15,000 hours for CP-SX8350, CP-X8150, CP-WX8240A, and CP-WU8440. Varies according to usage environment.

Inorganic LCD panels

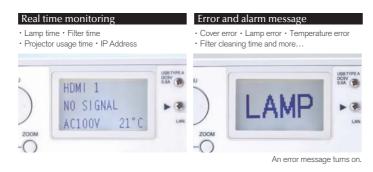
Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.



HTPS (High Temperature Poly-Silicon)

Status Monitor

The status monitor is a sub-LCD located on the rear panel of the CP-X8170, CP-WX8265, CP-WU8460, CP-X8160, CP-WX8255A, and CP-WU8450. It displays the present condition of the projector, including errors, setup information, and error history.



Easy Maintenance

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling. The serial number and MAC address are also labeled on the side chassis for easy readability.



Various Network Features

Wireless Capability (Option)

Convenient Networking

LAN

Administration Room

(Image Transfer)

Manage and control multiple projectors over Connect a projector to a computer using the optional USB wireless adapter. The your LAN with Centralized Reporting, adapter supports IEEE802.11b/g/n. Use Scheduling, E-mail Alerts, and My Image the adapter cover to prevent the USB wireless adapter from coming off easily.



Smart Device Control

By plugging the USB wireless adapter to the projector and using the dedicated free online application developed by Hitachi, projectors can be controlled from a tablet or smartphone.*



* See the Hitachi website for details http://www.hitachi.co.jp/proj/en/apps/pj_connection.html

Hardware and software requirements for network capability **OS:** One of the following. Windows[®] XP Home Edition/Professional Edition (32bit version only), Windows Vista[®] Home Basic/Home Premium/Business/Ultimate/Enterprise, Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise **CPU:** Pentium®4 (2.8GHz or higher) Graphic card: 16bit, XGA or higher (When using the "Live Viewer" it is recommended that the display resolution of your computer be set to 1,024x768.) Memory: 512 MB or higher Hard disk space: 100MB or higher Web browser: Internet Explorer®6.0 or higher CD-ROM drive

*If many computers are connected to the network or the under excessive load, higher specifications may be required

Digital connectivity

HDMI x 2 -USB (B) USB (A) x 2-

I AN

CONTROL (RC-232C)

REMOTE CONTROL

Terminals

2 HDMI input

Equipped with 2 terminals for the current widely-used interface.

HDBaseT ™

Signals can be transmitted with no image degradation using standard LAN cables (Cat5e/6) of up to 100m.

* Only for the CP-WU8461 and CP-WU8451

CONTROL (RC-232C) REMOTE CONTROL S-VIDEO

VIDEO

LAN

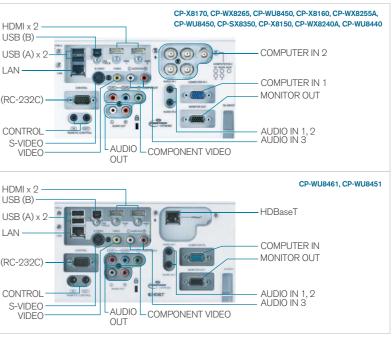
HDMI x 2 -

USB (B)

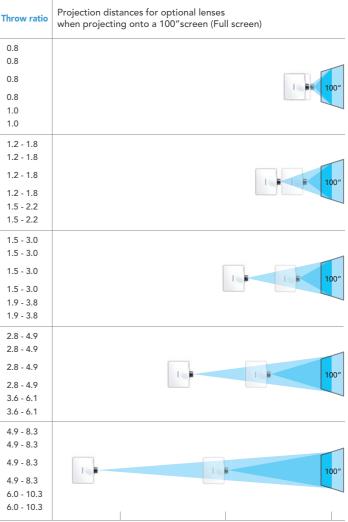
Five lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

		Projection distance for 100"screen (Full screen) (Projector's front panel to screen)
FL-701	CP-X8170,CP-X8160	1.7m (67")
	CP-WX8265,CP-WX8255A	1.8m (71")
	CP-WU8460,CP-WU8461,CP-WU8450, CP-WU8451,CP-WU8440	1.7m (69″)
	CP-SX8350	1.7m (66″)
Fixed short throw lens	CP-X8150	2.1m (83")
Zoom:Fixed	CP-WX8240A	2.2m (88")
SL-702	CP-X8170,CP-X8160	2.5 - 3.7m (97"- 145")
31-702	CP-WX8265,CP-WX8255A	2.6 - 3.9m (102"- 154")
	CP-WU8460,CP-WU8461,CP-WU8450, CP-WU8451,CP-WU8440	2.5 - 3.8m (100"- 151")
	CP-SX8350	2.4 - 3.7m (96"- 144")
Short throw lens	CP-X8150	3.1 - 4.6m (120"- 181")
Zoom: x1.5	CP-WX8240A	3.2 - 4.9m (127"- 192")
ML-703	CP-X8170,CP-X8160	3.1 - 6.2m (122"- 242")
	CP-WX8265,CP-WX8255A	3.3 - 6.5m (129"- 257")
	CP-WU8460,CP-WU8461,CP-WU8450, CP-WU8451,CP-WU8440	3.2 - 6.4m (127"- 252")
	CP-SX8350	3.1 - 6.1m (121"- 241")
Middle throw lens	CP-X8150	3.9 - 7.7m (153"- 303")
Zoom: x2.0	CP-WX8240A	4.1 - 8.1m (162"- 321")
LL-704	CP-X8170,CP-X8160	5.9 - 10.0m (231" - 392")
LL-/04	CP-WX8265,CP-WX8255A	6.2 - 10.5m (244"- 415")
<u></u>	CP-WU8460,CP-WU8461,CP-WU8450, CP-WU8451,CP-WU8440	6.1 - 10.3m (240"- 407")
	CP-SX8350	5.8 - 9.9m (229"- 389")
Long throw lens	CP-X8150	7.3 - 12.4m (288"- 490")
Zoom: x1.7	CP-WX8240A	7.8 - 13.2m (305" - 520")
UL-705	CP-X8170,CP-X8160	10.0 - 16.9m (393"- 667")
01-703	CP-WX8265,CP-WX8255A	10.5 - 17.9m (415"- 705")
	CP-WU8460,CP-WU8461,CP-WU8450, CP-WU8451,CP-WU8440	10.3 - 17.6m (407"- 691")
	CP-SX8350	9.9 - 16.8m (390"- 662")
Ultra long throw lens	CP-X8150	12.4 - 21.1m (487"- 830")
Zoom: x1.7	CP-WX8240A	13.1 - 22.3m (516"- 879")

* ML-703 comes standard on the CP-X8170, CP-X8160, CP-WU8460, CP-WU8451, CP-WU8450, CP-WU8451, CP-WU8440, CP-WX8265, and CP-WX8255A SL-702 comes standard on the CP-SX8350, CP-X8150, and CP-WX8240A



Variety of Interchangeable Lens Options

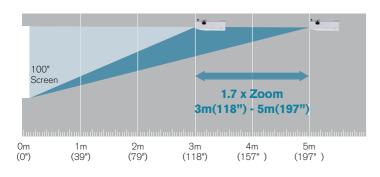




Advanced Installability and System Features for Various Uses

1.7x Zoom Lens

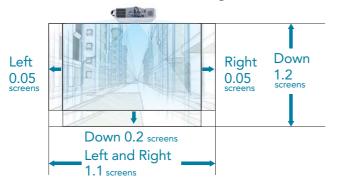
Featuring a powerful 1.7x manual zoom lens, the projectors allow for a greater range of installation possibilities. This is particularly convenient in rooms that lack installation flexibility due to ceiling obstructions such as water sprinklers, vents, and lighting fixtures. * The projection distance below is for the CP-X5022WN.



Manual Optical Lens Shift

Manually shift the lens horizontally and vertically, to position the image on the screen without causing any distortion. After ceiling mounting, fine adjustments can be done with a screwdriver and/or hexagonal wrench. *A hexagonal wrench is included in the product package.

**The figure is for the CP-WX4022WN.



Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, and stacking alignment peg holes.



* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask vour dealer for details.

Dual mode Turns on the projectors at the same time.

Alternate mode

Turns on the projectors alternately.



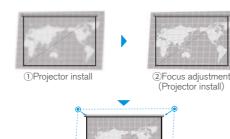


When ALTERNATE is selected and an error occurs on one projector, causing the lamp to turn off, the other projector will automatically start to operate. * If the RS-232C cable is disconnected or AC power is

not supplied, the other projector will not turn on.

Perfect Fit

Perfect Fit allows you to make image adjustments by independently moving the individual corners and sides. Ideal for complex installations where sizing the screen for image display is more difficult.



③Size and Position adjustment (Perfect fit)





Various Network Features

Convenient Networking

Manage and control multiple projectors over your LAN with Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer)

Connect a projector to a computer using the optional USB wireless adapter. The adapter supports IEEE802.11 b/g/n.



Hardware and software requirements for network capability OS: One of the following. Windows® XP Home Edition/Professional Edition (32bit version only), Windows Vista® Home Basic/Home Premium/Business/Ultimate/Enterprise, Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise CPU: Pentium®4 (2.8GHz or higher) Graphic card: 16bit, XGA or higher (When using the "Live Viewer" it is recommended that the display resolution of your computer be set to 1,024x768.) Memory: 512 MB or higher Hard disk space: 100MB or higher Web browser: Internet Explorer®6.0 or higher CD-ROM drive outers are connected to the network or the connected computer is under

ECO

Saver Mode

This feature developed by Hitachi reduces the projector lamp brightness and consumption of power, resulting in considerable energy savings. Set the Saver mode time from 1 to 30 minutes, and if the projected image does not change in that time, Saver mode activates. Saver mode can also be activated manually with the remote control.

This feature developed by Hitachi automatically changes the brightness of the lamp according to the level of the input signal. Lamp brightness is reduced when a darker image is projected and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

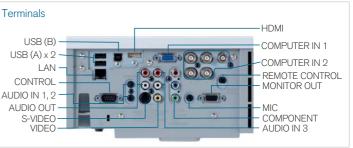
Ensuring High Reliability and Stability

Hybrid Filter

The filter is made of two layers on unwoven cloth and lasts up to approximately 5,000 hours* without cleaning, reducing maintenance time. * Varies according to usage environment



16



Wireless Capability (Option)

Smart Device Control

By plugging the USB wireless adapter to the projector and using the dedicated free online application developed by Hitachi, projectors can be controlled from a tablet or smartphone.



See the Hitachi website for details http://www.hitachi.co.jp/proj/en/apps/pj_connection.html

Intelligent Eco Mode



Normal mode

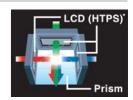




Saver mode

Inorganic LCD panels

Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.



HTPS (High Temperature Poly-Silicon)

Footure																				_
Feature	85		3-Chip DLP*		1-Chij	p DLP®								3 LCD					5000	series
			K series		9000	series							00 series							series
Model Name			CP-WU13K	CP-X9110	CP-WX9210	CP-WU9410 CP-WU9411	CP-HD9320 CP-HD9321	CP-X8170	CP-WX8265	CP-WU8460	CP-X8160 CP-WU8461	CP-WX8255A	CP-WU8450	CP-WU8451	CP-SX8350	CP-X8150	CP-WX8240A	CP-WU8440	CP-X5022WN	CP-WX4022WN
	3G SDI	Equipped with an SDI input – the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.	•				•													
	2 HDMI input	Equipped with 2 terminals for the current widely-used interface.	•		•		•	•	•	•	• •			•		•	•	•		
Digital Connectivity	HDBaseT™	Signals can be transmitted with no image degradation using standard LAN cables (Cat5e/6) of up to 100m.		•	•	•	•				•			•						
	DVI	Connection via a digital DVI terminal greatly reduces image deterioration, ensuring high picture quality of digital sources. * CP-WU13K displays an image with the original input resolution of the source in the center of the screen.	(3D DVI)	•	•	•	•													
	High Efficiency Optical System	The projectors achieve a brightness of the highest class in the industry by adopting a short arc length lamp with a small F-number lens.	•		•		•	•	•	•	• •			•		•	•	•	•	
	ACCENTUALIZER	Hitachi's original image enhancement technology that emphasizes shade, sharpness, and gloss to achieve more vivid images.		•	•	•	•	•	•	•	•			•						
High Brightness and Image Quality	HDCR (High Dynamic Contrast Range)	HDCR is Hitachi original technology that produces clear images in bright environments.		•	•	•	•				•			•						
	3-chip display device	This 3-chip system can project 3-primary-color (Red, Green, Blue) images continuously, and makes images natural with vivid colors.	•					•	•	•	• •	•	•	٠	•	•	•	•	•	•
	Dual Color Wheel	Separate color wheels with emphasis on brightness and color that can achieve images to suit the purpose.			•		•													
	DICOM [®] Simulation Mode	Picture mode that achieves a gradation close to the DICOM [®] standard. * These projectors are not approved medical devices. They should not be used for actual medical diagnosis.	•		•		•	•	•	•	• •			•		•	•	•	•	•
	Edge Blending	Corrects the shape of images and further overlaps them seamlessly to use multiple projectors to project a single image.	•	•	•	•	•													
	Geometric Correction (Warping)	Corrects the shape of images to make projections on various types of surfaces possible.			•		•													
	Perfect Fit / Warp	Use the remote controller to adjust the four corners and four sides of a projected image and quickly fix distortions of images. • CP-WU13K supports rotation adjustment.	(Warp)	•	•	•	•	•	•		• •		•	•		•	•		•	•
Installability and	Motorized Lens Shift	Lens shift is motorized and can be adjusted on a keypad or remote control.	•	•	•	•	•	•	•	•	• •			•		•				
System Features	Manual Lens Shift	Lens shift can be easily adjusted manually.																	•	•
	Interchangeable Lens Options	Significantly increase projection distance with optional interchangeable lenses.	•	•	•	•		•	•	•	• •			•	•	•	•	•		
	Lens Center	By aligning the center of the projector and the lens, the installation position of the projector is simplified during the design and construction of a facility.		•	•	•	•	•	•	•	• •			•	•	•	•	•		
	Picture by Picture	Simultaneously project images from 2 different inputs side-by-side. *1 It enables to display images from 2 different digital inputs (HDMI2 and another) side-by-side.	•	•	• *1	• *1	•	•	•	•	•	•	•	•			•	•		

Feature	es		3-Chip DLP*		1-Chip	o DLP®									3 LCD						
			K series		9000	series							8000 :	series						5000 se 4000 se	
Model Name			CP-WU13K	CP-X9110	CP-WX9210	CP-WU9410 CP-WU9411	CP-HD9320 CP-HD9321	CP-X8170	CP-WX8265	CP-WU8460	CP-WU8461	CP-X8160	CP-WX8255A	CP-WU8450	CP-WU8451	CP-SX8350	CP-X8150	CP-WX8240A	CP-WU8440		CP-WX4022WN
	Picture in Picture	Display an image from a different source in the sub area. '1 It enables display of images from 2 different digital inputs (HDMI2 and another) simultaneously.	•	•	• *1	• *1	•	• *1	• *1	• *1	• *1				• *1						
	360 Degree Projection	The projectors can be installed facing upwards, downwards, or other wide degree of vertical orientations.		•	•	•	•	•	•	•	•	•	•	•	•						
Installability and System Features	Portrait Projection	You can project images that are vertically long by rotating the installation position of the projector 90 degrees. This feature makes it possible to provide various displays and image representations never before possible.					•														
	Mechanical Shutter	The shutter blocks the projector light letting you quickly display and hide images while the projector is on.	•	•	•	•	•														
	Instant Stack	Use 2 projectors by superimposing their images.		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Schedule Setting	Set schedules for projectors to turn them ON or OFF at a set time, or activate other functions. * Available from the OSD menu on 9000 series models only. Set from a computer via a LAN connection.		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Projector Control	Control and manage projectors using a network.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Network Presentation	Connect the projectors to a network with a LAN cable and project images from a PC or Mac via the network.		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Network	Wireless Capability (Option)	Projectors and computers can be connected via Wi-Fi. Wirelessly project images, and manage and control projectors.		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Smart Device Control	Download and install the dedicated free online application "Projector Quick Connection" and wirelessly project images from devices running iOS or Android.		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
	Industry Standard Compatibility	AMX Device Discovery and Creston Roomview are embedded to projectors, providing out of the box compatible industry standard solutions.		•	•	•	•	•	•		•	•	•		•	•	•	•	•	•	•
	Saver Mode	Reduces power consumption by reducing the lamp brightness if the image signal level does not change after a set time (1 to 30 minutes).																			•
ECO	Intelligent Eco Mode	Automatically adjusts the output of the lamp to match the image signal. Lamp brightness is reduced for dark images that reduces the power used by the lamp, thus leading to reduced power consumption of projectors.																		•	•
	Hybrid Filter	Hitachi's multi-layer filters reduce the burden of maintenance by extending the period between filter cleaning.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
High Reliability and Stability	Inorganic LCD	Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.						•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Status Monitor	A sub-LCD located on the rear panel. It displays the present condition of the projector, including errors, setup information, and error history.		•	•	•	•	•	•	•	•	•	•	•	•						
	Dual Lamp System	By alternating the use of each lamp, the replacement period can be extended twofold. A backup mode is also available, making recovery from a failed lamp fast. This mode immediately switches to the second lamp if the first stops functioning.	•	•	•	•	•														

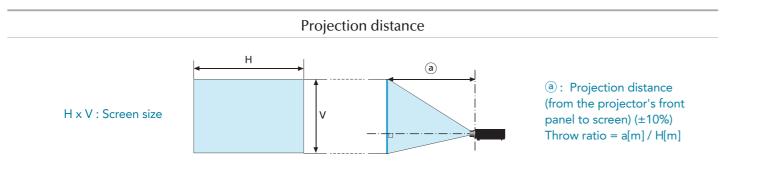
Spec

	Spec	K series	9000) series							8000 series				5000 series,	4000 series
I A S A TAR A I A	Model name	CP-WU13K	CP-X9110 CP-WX9210	CP-WU9410 / CP-WU941	1 CP-HD9320 / CP-HD9321	CP-X8170	CP-WX8265	CP-WU8460	CP-WU8461	CP-X8160 C	P-WX8255A CP-WU8450	CP-WU8451 CP-SX8	3350 CP-X8150 C	P-WX8240A CP-WU8440	CP-X5022WN	CP-WX4022WN
	Display system	3-Chip DLP®	1-Cł												3L	D
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BADSModeM								1,920 x 1,200	1,920 x 1,200				· · · · · · · · · · · · · · · · · · ·			
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NR Order Order Status Sta	AUDIO IN	-		-					2	RCA connector x 1	/ 3.5mm (stereo) mini connec	tor x 2			2 RCA connector x 1 / 3.5mr	(stereo) mini connector >
COUNDED D table proceeders 1 D bial by connects 1 Set Connec	AUDIO OUT	_		-						21	RCA connector x 1				2 RCA con	ector x 1
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LN RA46 protects 1 RV-6 protects 1		-									•					
LSD-h LSD-hgc A sensors x 1		P I-45 connector v 1								PI						
USH /result USH get Homedare 1 USH get Homedare 1 USH get Homedare 1 REWTE CONTROL M 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 0400 corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 0400 corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1 0400 corrects x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1) 105m (deep link control x 1) 3.5m (deep link corrects x 1) 3.5m (deep link corrects x 1) Decks to the of 2000 control x 1) A.5m (deep link control x 1) 3.5m (deep link control x 1) 3.5m (deep link control x 1) Decks to the of 2000																
IMAGE CONTROL N 33mm (deex) init correctors 1 33mm (deex) init		-	USB type /	A connector x 1							<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				51	
EMDIC CONIRCLOUI Same database introduced into constant i Same database into constant i		-	25 (1)	-												
Operating interesting 0 - 47C ± stillade of 0 - 2500m 0 - 67C ± stillade of 0 - 1000m 2 0.01m 0 - 67C ± stillade of 0 - 2000m 0 - 2		-													3.5mm (stereo) m	ni connector x 1
Charles and Name O		-	3.5mm (stereo) mini connector x 1						3.5mm (s	stereo) mini connector x 1				-	
10 - 69% R4 (non-condening) 10 - 69% R4 (non-condening) 10 - 69% R4 (non-condening) 10 - 69% R4 (non-condening) 10 - 69% R4 (non-condening) 10 - 69% R4 (non-condening) R100 - 1307 / AC20 - 2407 (64/ 74) R4% (04/ 74) R4% (04	Operating temperature							0 -	- 45°C ^{*3} at altitu	de of 0 - 3,048m		at altitu	de of at	altitude of		
Maximum over consumption AC100 - 130V : 1230W AC200 - 240V : 1250W AC110 - 120V : 1060W AC220 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 100W AC200 - 240V : 560W AC100 - 120V : 370W AC200 - 240V : 560W<	Operating humidity (RH)	10 - 95% RH (non-condensing)	10 - 80% RH	(non-condensing)						10 - 85%	6 RH (non-condensing)				10 - 85% RH (ion-condensing)
AC100 - 130V : 1230W AC200 - 240V : 1250W AC110 - 120V : 1050W AC220 - 240V : 480W AC100 - 120V : 480W AC100 - 120V : 480W AC100 - 120V : 370W AC220 - 240V : 350W AC100 - 120V : 37	Power requirements A	AC100 - 130V / AC200 - 240V (50Hz / 60Hz) (SW)	AC110 - 120V / AC2	20 - 240V (50Hz / 60	Hz)					AC100 - 120V /	AC220 - 240V (50Hz / 60	Hz)			AC100 - 120V / AC22	0 - 240V (50Hz / 60H
Standard outlide dimensions (W × H x D) 50mm x 270mm x 633mm (19.7" x 10.6" x 24.9") (Excluding lens and protruding parts) 597mm x 170mm x 438mm (11." x 67" x 17.2") (Excluding lens and protruding parts) 498mm x 135mm x 396mm (19.6" x 5.3" x 15.6") (Excluding lens and protruding lens and protruding parts) 401mm x 103mm x 136mm (15.8" x 4.1" x 12. (Excluding lens and protruding parts) W H x D) 000mm x 70mm x 633mm (19.7" x 10.6" x 24.9") (Excluding lens and protruding parts) 597mm x 170mm x 438mm (15.8" x 17.2") (Excluding lens and protruding parts) 498mm x 135mm x 396mm (19.6" x 5.3" x 15.6") (Excluding lens and protruding parts) 401mm x 103mm x 136mm (15.8" x 4.1" x 12. (Excluding protruding parts) Weight Approx 36.9" (19.6") Approx 34.9" (19.6") Approx 36.9" (19.6") Approx 48.9" (19		AC100 - 130V : 1,230W AC200 - 240V : 1,250W	AC110 - 120V : 1,060	W AC220 - 240V : 99	W				: 550W AC220 - 240V	AC10 AC22	0 - 120V : 480W 0 - 240V : 455W	: 500W : 480 AC220 - 240V AC220 -	W AC100 - 120V ::	375W AC220 - 240V : 355W	AC100 - 120V : 370W	AC220 - 240V : 350W
Standard outside dimensions (Wx H x D) S00mm x 270mm x 633mm (121" x 106" x 249") (Excluding lens and protruding parts) 537mm x 170mm x 438mm (21.1" x 6.7" x 17.2") (Excluding lens and protruding parts) 438mm x 135mm x 396mm (19.6" x 5.3" x 15.6") (Excluding lens and protruding parts) 401mm x 103mm x 138mm (15.8" x 4.1" x 12. (Excluding lens and protruding parts) Weight Approx 340kg (74.9ks) (Excluding lens) Approx 106kg (36.6ks) (Excluding lens) Approx 8.8kg (19.4ks) Approx 8.7kg (19.4ks) Approx 8.7kg (19.4ks) Approx 8.7kg (19.2ks) Approx 4.7kg (10.1ks) Approx 4.6kg (10.1k	Standby mode power consumption	Less than 3W	Less	than 0.5W			_				Less t	nan 0.35W			0.5	W
$ \frac{1}{10000000000000000000000000000000000$	Standard outside dimensions		537mm x 170mm x 43	88mm (21.1" x 6.7" x 1	7.2")			49	8mm x 135mm >	x 396mm (19.6")					401mm x 103mm x 318	nm (15.8" x 4.1" x 12.5'
Approx. 34.0kg (74.9lbs.) (Excluding lens) Approx. 16.6kg (36.6lbs.) (Excluding lens) Approx. 16.6kg (36.6lbs.) (Excluding lens) Approx. 46.kg (10.1lbs.) Approx. 4.6kg (10.1lbs.) A		(10.6") (3.0 mm (2.1 mm)	537mm (21.1")		6.7") 8mm						↓ (5.3") ∕ 396mm			(5.3") 396mm	401mm (15.8")	(4.1") HETRICHE (318mm (12.5")
Accessories Remote control with batteries, Power cord, Computer cable, Remote control with batterie	Weight	Approx. 34.0kg (74.9lbs.) (Excluding lens)	Approx.16.6kg (36.6lbs.) (Excluding lens)											Approx. 4.6	g (10.1lbs.)
Reinote control with batteries, rower cord, Reinote control with batteries, rower cord, Computer cane, Reinote control with batteries, rower cord, Computer cane,	Features Filter cleaning interval *1	1,000hr		15,000hr						20,000)hr		15,000	Dhr	4,00	Dhr
	Accessories												cable,			

*1 This interval depends on the environment.*2 When the ambient temperature exceeds 45°C, the brightness of the lamp is reduced automatically.

*3 When the ambient temperature exceeds 40°C, the brightness of the lamp is reduced automatically.

Lens Spec



K series

Model			ŀ	tem							r	n									in	ch				
			Scr	een s	ize		FL-K01	FL-K02	SL-I	K03	ML	K04	LL-	K05	UL-	K06	FL-K01	FL-K02	SL-	K03	ML-	K04	LL-I	K05	UL-	K06
		Туре	H(m)	H(")	V(m)	۷(*)	fix.	fix.	min.	max.	min.	max.	min.	max.	min.	max.	fix.	fix.	min.	max.	min.	max.	min.	max.	min.	max.
		80	1.7	68	1.1	42	1.3	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	-	-
CP-WU13K	Proje	100	2.2	85	1.3	53	1.6	-	-	-	4.1	5.6	-	-	-	-	62	-	-	-	163	221	-	-	-	-
Aspect ratio	ection	150	3.2	127	2.0	79	2.3	3.8	4.6	6.2	6.1	8.4	-	-	13.5	22.6	91	151	182	243	242	329	-	-	532	888
16:10	n dis	200	4.3	170	2.7	106	3.0	5.0	6.1	8.2	8.2	11.1	11.1	18.0	18.0	30.0	119	198	241	323	321	438	437	709	708	1183
	stanc	300	6.5	254	4.0	159	-	7.4	9.1	12.2	12.2	16.6	16.6	27.0	26.9	45.0	-	293	358	481	480	655	654	1062	1061	1773
	e a	400	8.6	339	5.4	212	-	9.8	12.1	16.3	16.2	22.1	22.1	35.9	35.9	60.0	-	388	476	640	639	872	871	1414	1414	2363
		500	10.8	424	6.7	265	-	12.3	15.1	20.3	20.2	27.6	27.6	44.9	44.9	75.0	-	483	594	799	797	1089	1088	1767	1767	2954
		1	Fhrov	v rati	0		0.67	1.12	1.39	1.87	1.87	2.56	2.56	4.16	4.16	6.96	0.67	1.12	1.39	1.87	1.87	2.56	2.56	4.16	4.16	6.96

9000 series

Model			Ite	em									n											inc	:h					
			Scree	en si	ze		USL	-901	SL-	902	SD-9 SD-9	03W 03X	ML-	904	LL-9	905	UL-	906	USL	-901	SL-	902	SD-9 SD-9	903W 903X	ML	904	LL-	905	UL-	906
		Туре	H(m) H	(")	V(m)	V(")	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
		80	1.6	64	1.2	48	1.3	1.7	2.0	3.0	2.8	4.2	4.1	6.2	5.9	9.5	9.4	14.9	53	66	78	116	109	164	160	245	232	376	371	588
CP-X9110	Proje	100	2.0	80	1.5	60	1.7	2.1	2.5	3.7	3.5	5.2	5.1	7.8	7.4	12.0	11.7	18.6	66	82	98	146	136	205	200	306	291	471	462	732
	rojection	150	3.0 1	120	2.3	90	2.5	3.1	3.7	5.5	5.2	7.8	7.6	11.7	11.1	18.0	17.5	27.8	98	122	147	218	205	307	301	459	439	708	688	1093
Aspect ratio 4:3		200	4.1 1	160	3.0	120	3.3	4.1	5.0	7.4	6.9	10.4	10.2	15.5	14.9	24.0	23.2	36.9	131	163	196	291	273	410	401	612	586	945	914	1454
	distance	300	6.1 2	240	4.6	180	5.0	6.2	7.5	11.1	10.4	15.6	15.3	23.3	22.4	36.1	34.7	55.2	195	243	293	436	410	615	603	918	881	1419	1366	2175
	۵	400	8.1 3	320	6.1	240	6.6	8.2	9.9	14.8	13.9	20.8	20.4	31.1	29.9	48.1	46.2	73.6	260	324	391	582	547	820	804	1225	1176	1894	1818	2896
		500	10.2	400	7.6	300	8.2	10.3	12.4	18.5	17.4	26.0	25.5	38.9	37.4	60.1	57.7	91.9	325	405	489	727	684	1025	1006	1531	1471	2368	2270	3618
		٦	hrow	ratio)		0.8	1.0	1.2	1.8	1.7	2.5	2.5	3.8	3.6	5.8	5.7	9.1	0.8	1.0	1.2	1.8	1.7	2.5	2.5	3.8	3.6	5.8	5.7	9.1
		80	1.7	68	1.1	42	1.4	1.8	2.1	3.2	3.0	4.5	4.4	6.7	6.4	10.3	10.1	16.0	57	70	84	125	117	176	172	263	250	404	399	631
CP-WX9210	Proje	100	2.2	85	1.3	53	1.8	2.2	2.7	4.0	3.7	5.6	5.5	8.3	8.0	12.9	12.6	20.0	71	88	105	156	147	220	216	329	314	506	496	786
	Projection	150	3.2 1	127	2.0	79	2.7	3.3	4.0	6.0	5.6	8.4	8.2	12.5	12.0	19.3	18.8	29.8	105	131	158	234	220	330	324	493	472	761	739	1173
Aspect ratio 16 : 10		200	4.3 1	170	2.7	106	3.6	4.4	5.3	7.9	7.5	11.2	11.0	16.7	16.0	25.8	24.9	39.6	140	174	210	313	294	440	432	658	631	1016	982	1561
	distance	300	6.5 2	254	4.0	159	5.3	6.6	8.0	11.9	11.2	16.8	16.5	25.1	24.1	38.7	37.3	59.3	210	261	315	469	441	660	648	986	948	1525	1468	2336
	۵	400	8.6 3	339	5.4	212	7.1	8.8	10.7	15.9	15.0	22.4	22.0	33.4	32.1	51.7	49.6	79.0	279	347	421	625	589	881	864	1315	1265	2035	1954	3111
		500	10.8	424	6.7	265	8.9	11.0	13.4	19.8	18.7	28.0	27.4	41.8	40.2	64.6	62.0	98.7	349	434	526	781	736	1101	1080	1644	1582	2545	2440	3886
		1	hrow	ratio)		0.8	1.0	1.2	1.8	1.7	2.6	2.5	3.8	3.7	5.9	5.8	9.2	0.8	1.0	1.2	1.8	1.7	2.6	2.5	3.8	3.7	5.9	5.8	9.2
		80	1.7	68	1.1	42	1.4	1.7	2.0	3.0	2.8	4.3	4.2	6.4	6.0	9.8	9.6	15.3	54	67	80	119	111	167	164	250	238	385	380	601
CP-WU9410 CP-WU9411	Proje	100	2.2	85	1.3	53	1.7	2.1	2.5	3.8	3.5	5.3	5.2	7.9	7.6	12.2	12.0	19.0	67	84	100	149	140	209	205	313	298	482	472	749
ci-woo411	ection	150	3.2 1	127	2.0	79	2.5	3.2	3.8	5.7	5.3	8.0	7.8	11.9	11.4	18.4	17.9	28.4	100	125	150	223	210	314	308	469	449	724	703	1118
Aspect ratio 16:10		200	4.3 1	170	2.7	106	3.4	4.2	5.1	7.6	7.1	10.6	10.4	15.9	15.2	24.6	23.7	37.8	133	166	200	298	280	419	411	626	600	967	935	1487
	distance	300	6.5 2	254	4.0	159	5.1	6.3	7.6	11.3	10.7	16.0	15.7	23.9	22.9	36.9	35.5	56.5	200	248	300	446	420	629	617	939	902	1452	1397	2225
	۵	400	8.6 3	339	5.4	212	6.8	8.4	10.2	15.1	14.2	21.3	20.9	31.8	30.6	49.2	47.2	75.2	266	331	400	595	560	838	823	1253	1203	1937	1860	2963
		500	10.8 4	424	6.7	265	8.4	10.5	12.7	18.9	17.8	26.6	26.1	39.8	38.2	61.5	59.0	94.0	332	413	501	744	700	1048	1029	1566	1505	2422	2322	3701
		1	hrow	ratio)		0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8	0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8
		80	1.8	64	1.0	48	1.4	1.8	2.1	3.1	2.9	4.4	4.3	6.5	6.2	10.0	9.9	15.7	55	69	82	122	115	172	169	257	245	395	390	618
CP-HD9320 CP-HD9321	Proje	100	2.2	80	1.2	60	1.8	2.2	2.6	3.9	3.6	5.5	5.4	8.2	7.8	12.6	12.3	19.5	69	86	103	153	143	215	211	322	307	495	485	769
CP-HD9321	ection	150	3.3 1	120	1.9	90	2.6	3.3	3.9	5.8	5.5	8.2	8.0	12.3	11.7	18.9	18.4	29.2	103	128	154	230	216	323	317	483	462	745	723	1148
Aspect ratio 16:9	dis	200	4.4 1	160	2.5	120	3.5	4.3	5.2	7.8	7.3	10.9	10.7	16.3	15.7	25.2	24.4	38.8	137	171	206	306	288	431	423	644	617	994	961	1528
	tance	300	6.6 2	240	3.7	180	5.2	6.5	7.8	11.7	11.0	16.4	16.1	24.5	23.5	37.9	36.5	58.1	205	255	309	459	432	646	634	966	927	1493	1436	2286
	۵	400	8.9 3	320	5.0	240	6.9	8.6	10.5	15.5	14.6	21.9	21.5	32.7	31.4	50.6	48.6	77.3	273	340	412	612	576	862	846	1288	1237	1991	1912	3045
		500	11.1 4	400	6.2	300	8.7	10.8	13.1	19.4	18.3	27.4	26.9	40.9	39.3	63.2	60.6	96.6	341	425	515	765	720	1077	1058	1610	1548	2490	2387	3803
							0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8	0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8

8000 series

0000	U	selles																		
Model		Item					m									inch				
		Screen size	FL-701	SL-	702	ML-	703	LL-	704	UL-	705	FL-701	SL-'	702	ML-	703	LL-	704	UL-	705
		Type H(m) H(") V(m) V(")	fix	min.	max.	min.	max.	min.	max.	min.	max.	fix	min.	max.	min.	max.	min.	max.	min.	max.
		80 1.6 64 1.2 48	1.4	2.0	3.0	2.5	4.9	4.7	8.0	8.0	13.6	54	77	116	98	194	185	313	316	535
CP-X8170	Proj	100 2.0 80 1.5 60	1.7	2.5	3.7	3.1	6.2	5.9	10.0	10.0	16.9	67	97	145	122	242	231	392	393	667
CP-X8160 Aspect ratio	jection	150 3.0 120 2.3 90	2.5	3.7	5.5	4.6	9.2	8.8	15.0	14.8	25.3	99	144	217	183	363	346	589	584	996
4:3	n dis	200 4.1 160 3.0 120	3.4	4.9	7.4	6.2	12.3	11.7	20.0	19.7	33.6	132	192	289	244	484	461	787	775	1324
	distance	300 6.1 240 4.6 180	5.0	7.3	11.0	9.3	18.4	17.6	30.0	29.4	50.3	197	288	434	366	725	692	1181	1157	1982
	e ©	400 8.1 320 6.1 240	6.7	9.7	14.7	12.4	24.6	23.4	40.0	39.1	67.1	262	383	578	487	967	922	1576	1539	2640
		500 10.2 400 7.6 300	8.3	12.2	18.3	15.5	30.7	29.3	50.0	48.8	83.8	327	478	722	609	1209	1153	1970	1921	3298
		Throw ratio	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3
		80 1.7 68 1.1 42	1.4	2.1	3.1	2.6	5.2	5.0	8.4	8.5	14.4	57	82	123	104	206	196	332	334	566
CP-WX8265	Proj	100 2.2 85 1.3 53	1.8	2.6	3.9	3.3	6.5	6.2	10.5	10.5	17.9	71	102	154	129	257	244	415	415	705
CP-WX8255A	8	150 3.2 127 2.0 79	2.7	3.9	5.8	4.9	9.8	9.3	15.8	15.7	26.7	105	153	230	194	385	366	624	617	1053
Aspect ratio 16:10	ion di	200 4.3 170 2.7 106	3.5	5.2	7.8	6.6	13.0	12.4	21.1	20.8	35.6	140	203	306	259	513	488	833	819	1401
	distance	300 6.5 254 4.0 159	5.3	7.7	11.7	9.8	19.5	18.6	31.8	31.1	53.3	209	304	459	388	769	732	1250	1224	2097
	ce (a)	400 8.6 339 5.4 212	7.0	10.3	15.5	13.1	26.0	24.8	42.4	41.3	71.0	278	405	612	517	1025	976	1668	1628	2793
	ľ	500 10.8 424 6.7 265	8.8	12.9	19.4	16.4	32.5	31.0	53.0	51.6	88.6	346	506	764	646	1281	1220	2085	2032	3490
		Throw ratio	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3
		80 1.7 68 1.1 42	1.4	2.0	3.1	2.6	5.1	4.9	8.3	8.3	14.1	56	80	121	101	202	192	325	328	555
CP-WU8460	Pro	100 2.2 85 1.3 53	1.7	2.5	3.8	3.2	6.4	6.1	10.3	10.3	17.6	69	100	151	127	252	240	407	407	691
CP-WU8461	ojection	150 3.2 127 2.0 79	2.5	3.8	5.7	4.8	9.6	9.1	15.5	15.4	26.2	103	150	225	190	377	359	612	605	1033
CP-WU8450 CP-WU8451	n d	200 4.3 170 2.7 106	3.3	5.1	7.6	6.4	12.8	12.2	20.7	20.4	34.9	137	199	300	253	503	479	816	803	1374
CP-WU8440	distance	300 6.5 254 4.0 159	5.0	7.6	11.4	9.6	19.1	18.2	31.1	30.5	52.2	204	298	450	379	754	718	1226	1200	2056
Aspect ratio 16:10	ce (a)	400 8.6 339 5.4 212	6.6	10.1	15.2	12.8	25.5	24.3	41.5	40.5	69.6	272	397	600	506	1005	957	1635	1596	2739
	ľ	500 10.8 424 6.7 265	8.3	12.6	19.0	16.1	31.9	30.4	51.9	50.6	86.9	340	496	749	632	1256	1196	2044	1993	3421
		Throw ratio	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3
	İ.	80 1.6 64 1.2 48	1.4	2.0	2.9	2.5	4.9	4.7	7.9	8.0	13.5	53	77	115	97	193	183	311	314	531
CD (1/0250	P	100 2.0 80 1.5 60	1.7	2.4	3.7	3.1	6.1	5.8	9.9	9.9	16.8	66	96	144	121	241	229	389	390	662
CP-SX8350 Aspect ratio	ojecti	150 3.0 120 2.3 90	2.5	3.6	5.5	4.6	9.2	8.7	14.9	14.7	25.1	99	143	216	182	361	344	585	579	988
4:3	rojection distance	200 4.1 160 3.0 120	3.3	4.8	7.3	6.2	12.2	11.6	19.8	19.5	33.4	131	191	287	242	481	458	781	769	1314
	stan	300 6.1 240 4.6 180	5.0	7.2	10.9	9.2	18.3	17.4	29.8	29.2	50.0	196	285	430	363	720	686	1172	1148	1967
	ce a	400 8.1 320 6.1 240	6.6	9.7	14.6	12.3	24.4	23.2	39.7	38.8	66.5	260	380	573	484	960	915	1563	1527	2619
	ľ	500 10.2 400 7.6 300	8.3	12.1	18.2	15.4	30.5	29.1	49.6	48.4	83.1	325	475	717	605	1200	1144	1955	1906	3272
		Throw ratio	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3	0.8	1.2	1.8	1.5	3.0	2.8	4.9	4.9	8.3
	İ.	80 1.6 64 1.2 48	1.7	2.4	3.7	3.1	6.2	5.9	9.9	10.0	16.9	67	96	145	122	242	231	392	392	666
CP-X8150	Pro	100 2.0 80 1.5 60	2.1	3.1	4.6	3.9	7.7	7.3	12.4	12.4	21.1	83	120	181	153	303	288	490	487	830
Aspect ratio	jectic	150 3.0 120 2.3 90	3.1	4.6	6.9	5.8	11.5	11.0	18.7	18.4	31.5	124	180	271	229	454	432	736	726	1240
4.5		200 4.1 160 3.0 120	4.2	6.1	9.2	7.8	15.4	14.6	25.0	24.5	41.9	164	239	361	305	605	576	982	964	1651
	n distance	300 6.1 240 4.6 180	6.2	9.1	13.7	11.6	23.0	21.9	37.5	36.6	62.8	246	359	541	458	907	863	1475	1441	2472
	e @	400 8.1 320 6.1 240	8.3	12.1	18.3	15.5	30.7	29.2	50.0	48.7	83.6	327	478	721	610	1208	1151	1967	1918	3293
		500 10.2 400 7.6 300	10.4	15.2	22.9	19.4	38.4	36.5	62.5	60.8	104.5	408	597	901	762	1510	1438	2459	2395	4113
		Throw ratio	1.0	1.5	2.2	1.9	3.8	3.6	6.1	6.0	10.3	1.0	1.5	2.2	1.9	3.8	3.6	6.1	6.0	10.3
		80 1.7 68 1.1 42	1.8	2.6	3.9	3.3	6.5	6.2	10.5	10.5	17.9	71	102	154	130	257	244	415	415	705
CP-WX8240A	Proj	100 2.2 85 1.3 53	2.2	3.2	4.9	4.1	8.1	7.8	13.2	13.1	22.3	88	127	192	162	321	305	520	516	879
Aspect ratio 16:10	jection	150 3.2 127 2.0 79	3.3	4.8	7.3	6.2	12.2	11.6	19.8	19.5	33.4	131	191	287	243	481	458	780	769	1314
10.10	n di	200 4.3 170 2.7 106	4.4	6.4	9.7	8.2	16.3	15.5	26.5	25.9	44.4	174	254	383	324	641	610	1041	1021	1749
	distance	300 6.5 254 4.0 159	6.6	9.7	14.6	12.3	24.4	23.2	39.7]38.8	66.5	260	380	573	485	961	915	1563	1527	2619
	ce a	400 8.6 339 5.4 212	8.8	12.9	19.4	16.4	32.5	31.0	53.0	51.6	88.6	346	506	764	647	1281	1220	2085	2032	3490
	Ľ	500 10.8 424 6.7 265	11.0	16.1	24.3	20.5	40.7	38.7	66.2	64.5	110.7	433	633	955	808	1601	1525	2607	2538	4360
		Throw ratio	1.0	1.5	2.2	1.9	3.8	3.6	6.1	6.0	10.3	1.0	1.5	2.2	1.9	3.8	3.6	6.1	6.0	10.3

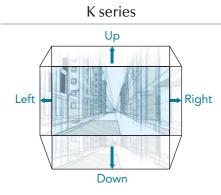
5000 series, 4000 series

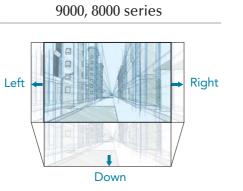
	1000 SCITCS, 4000 SCITCS																				
Model	Screen size			n	n	in	ich		Model		n size	size									
		Туре	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.				Туре	H(m)	H(")	١				
	Pro	80	1.6	64	1.2	48	2.4	4.0	94	157			Pro	80	1.7	68					
2P-X5022WN	9	100	2.0	80	1.5	60	3.0	5.0	118	197		CP-WX4022WN	Projection	100	2.2	85					
spect ratio								150	3.0	120	2.3	90	4.5	7.5	179	297			150	3.2	127
	200	4.1	160	3.0	120	6.1	10.1	239	396	1	16:10	distance	200	4.3	170						
	e	300	6.1	240	4.6	180	9.1	15.1	360	596	1		e a	300	6.5	254					
	Throw ratio					1.5	2.5	1.5	2.5	1		Throw ratio									
																-					

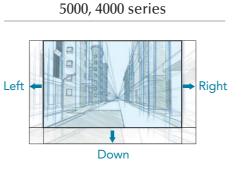
ze			n	ı	inch				
•)	V(m)	V(")	min. max.		min.	max.			
3	1.1	42	2.6	4.3	103	171			
5	1.3	53	3.3	5.5	129	215			
7	2.0	79	5.0	8.2	195	323			
0	2.7	106	6.6	11.0	261	432			
4	4.0	159	10.0	16.5	393	650			
tic)		1.5	2.5	1.5	2.5			

Lens Shift (for upside-down installation)

Vertical or horizontal distance from the center of the projected image to the point where the lens axis intersects the screen. The illustrations below show the range of LENS SHIFT when the projector is installed upside down, such as on a ceiling mount.







K series

		FL-K01	FL-K02	SL-K03	ML-K04	LL-K05	UL-K06
65 M // 1491/	Left/Right	n/a	0 - ±10%	0 - ±10%	0 - ±10%	0 - ±10%	0 - ±10%
CP-WU13K	Up/Down	n/a	-25 - +50%	-25 - +50%	-25 - +50%	-25 - +50%	-25 - +50%

9000 series

		USL-901	SL-902	SD-903W SD-903X	ML-904	LL-905	UL-906
CD VO140	Left/Right	0-±10%	0-±10%	0-±10%	0-±10%	0-±10%	0-±10%
CP-X9110	Down	0 - 50%	0 - 55%	0 - 55%	0 - 55%	0 - 55%	0 - 55%
CP-WX9210	Left/Right	0-±10%	0-±10%	0-±10%	0 - ±10%	0-±10%	0-±10%
	Down	0 - 55%	0 - 65%	0 - 65%	0 - 65%	0 - 65%	0 - 65%
CP-WU9410	Left/Right	0-±10%	0-±10%	0-±10%	0 - ±10%	0-±10%	0-±10%
CP-WU9411	Down	0 - 50%	0 - 60%	0 - 60%	0 - 60%	0 - 60%	0 - 60%
CP-HD9320	Left/Right	0-±10%	0-±10%	0-±10%	0-±10%	0-±10%	0-±10%
CP-HD9321	Down	0 - 55%	0 - 65%	0 - 65%	0 - 65%	0 - 65%	0 - 65%

8000 series

0000 361165									
		FL-701	SL-702	ML-703	LL-704	UL-705			
CP-X8170	Left/Right	0% (Fixed)	0-±10%	0-±10%	0-±10%	0-±10%			
CP-X8160	Down	0% (Fixed)	0 - 40%	0 - 50%	0 - 40%	0 - 40%			
CP-WX8255A	Left/Right	0% (Fixed)	0-±10%	0-±10%	0-±10%	0-±10%			
CP-WX8265	Down	0% (Fixed)	0 - 50%	0 - 55%	0 - 50%	0 - 50%			
CP-WU8460 CP-WU8461 CP-WU8450	Left/Right	0% (Fixed)	0-±10%	0-±10%	0-±10%	0-±10%			
CP-WU8450 CP-WU8451 CP-WU8440	Down	0% (Fixed)	0 - 50%	0 - 55%	0 - 50%	0 - 50%			
CP-SX8350	Left/Right	0% (Fixed)	0-±10%	0-±10%	0-±10%	0-±10%			
CI-370330	Down	0% (Fixed)	0 - 40%	0 - 50%	0 - 40%	0 - 40%			
CP-X8150	Left/Right	0% (Fixed)	0 - ±50%	0 - ±50%	0 - ±50%	0 - ±50%			
CI-70150	Down	0% (Fixed)	0 - 60%	0 - 60%	0 - 60%	0 - 60%			
CP-WX8240A	Left/Right	0% (Fixed)	0 - ±50%	0 - ±50%	0 - ±50%	0 - ±50%			
CI-1170240A	Down	0% (Fixed)	0 - 75%	0 - 75%	0 - 75%	0 - 75%			

5000 series, 4000 series

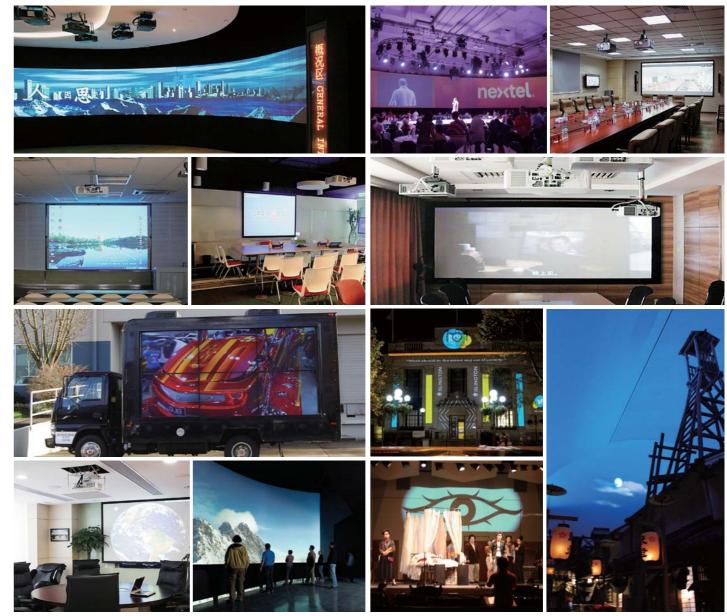
CD VE020WAL	Left/Right	0-±5%
CP-X5022WN	Down	30 - 50%
CP-WX4022WN	Left/Right	0 - ±5%
CP-WX4022WIN	Down	36 - 60%

Option

	3-Chip DLP®	1-Chip				3 LCD				
	K series	9000	series		8000	series	5000 series, 4000 series			
Model name	CP-WU13K	CP-WX9210 CP-HD9320 CP CP-WU9410/CP-WU9411 CP CP-HD9321 CP		CP-X8170 CP-WX8265 CP-WU8460 CP-WU8461	CP-X8160 CP-WX8255A CP-WU8450 CP-WU8451	(8255A U8450 CP-SX8350 CP-WX CP-WX		CP-X5022WN CP-WX4022WN		
Lamp	DT01591	DT01581	DT01731	DT01471	DTO	1291	DT01281	DT01171 (including a filter unit)		
Filter set	MU08321 (for front), MU08331 (for rear)	UX3	9551	UX38242	UX38241	MU06642	MU06642	MU07791		
Lens unit (K/9000 series of projectors are supplied without a projection lens.)	FL-K01 (Fixed short throw lens) FL-K02 (Fixed short throw lens) SL-K03 (Short throw zoom lens) ML-K04 (Standard zoom lens) LL-K05 (Long throw zoom lens) UL-K06 (Ultra long throw zoom lens)	USL-901 (Ultra short throw lens) SL-902 (Short throw lens) SD-903W (Standard lens for CP-WX9210/CP-WX9211/ CP-WU9410/CP-WU9411/CP-HD9320/CP-HD9321) SD-903X (Standard lens for CP-X9110/CP-X9111) ML-904 (Middle throw lens) LL-905 (Long throw lens) UL-906 (Ultra long throw lens)			-702 (Short L-703 (Midd 704 (Long	le throw lens	-			
Mounting accessory	HAS-13K (Bracket for ceiling mount)	HAS-9110 (Bracket for fixing mount)			HAS-8 Bracket for f	3150 ixing mount)	HAS-3010 (Bracket for fixing mount)			
		HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount)			HAS- dard adapter	204L for fixing m	ount)	HAS-204L (Standard adapter for fixing mount)		
	FS-13K (Frame for stacking)				HAS-3	304H or fixing mou	HAS-304H (Long adapter for fixing mount)			
USB wireless adapter	-	USB-W	/L-11N	USB-WL-11N				USB-WL-11N		
Others	-		-	-				RC-R008 (Laser remote control)		

Installation Example

Hitachi projectors are utilized in various ways.



-Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- · LCD panels, polarizers and other optical components, and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot, or tobacco smoke. This may result in fire or malfunction. Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or
- replaced if they are used for a long period of time. • These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps
- and usage conditions. Turning the lamp's power on and off frequently shortens its service life. • Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened. . Do not turn the projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately
- after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot. • Windows®, Windows Vista®, and Internet Explorer® are trademarks, or registered trademarks of Microsoft Corporation in the United States
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26







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