PROJECTING

a brighter future for all

A Projector to suit every need

■ Portable Projectors

Whether you are on the move or in an office, Hitachi's portable projectors are perfect for today's mobile professionals. They combine simple usability with powerful performance in a light weight and compact design enabling users to set up their presentations in seconds.

■ Ultra Short Throw Projectors

Hitachi Ultra Short Throw projectors help you get the most out of your presentations or lessons. These lightweight and compact projectors offer the highest quality images with a compelling design. You can project onto any existing whiteboard, wall or table top. They are also easy to install and flexible to use with optional wireless networking.

■ Multi Purpose Projectors

Our Multi Purpose range contains the finest features for business and education. Whichever model you choose, you'll find top-of-the range picture quality, security and networking, in a user-friendly package. Hitachi is dedicated to protecting the environment and save energy so the range also features longer-life parts and energy-saving settings.

■ Professional & Installation Projectors

Ideal for medium to large venues, our installation models deliver high performance, advanced networking capabilities and simple user functionality making them a cost effective solution for a multitude of installation requirements.

■ Short Throw Projectors

Project large, bright images in tight spaces with Hitachi's Short Throw Projectors. These lightweight and compact projectors are perfect for small and medium sized meeting rooms. They are easy to install and flexible to use with optional wireless networking, providing an affordable solution for both business settings and education settings.

Portable Series | **Multi Purpose Series**

Specification	CP-DX301ES	CP-DX351ES	CP-DH300ES	CP-RX250EF	ED-27X	CP-EX250EF	CP-EX301N	CP-EX401EF	CP-EW301N	CP-X2541WN	CP-X3041WNEF	CP-X4041WNEF	CP-WX3041WN	CP-WX3541WNEF	CP-X5022WNGF	CP-WX4022WNGF
Display — Light Source	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp
LCD Panel / DLP Chip	0.55" DLP	0.55" DLP	0.65" DLP	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.59" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.59" 3LCD	0.59" 3LCD	0.63" 3LCD	0.59" 3LCD
Resolution (colour pixels)	XGA	FHD	XGA	XGA	XGA	XGA	XGA	XGA	WXGA	XGA	XGA	XGA	WXGA	WXGA	XGA	WXGA
Resolution (pixels)	1024 x 768	1920 x 1080	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1280 x 800	1024 x 768	1024 x 768	1024 x 768	1280 x 800	1280 x 800	1024 x 768	1280 x 800
Brightness (ANSI Lumens)	3,000	3,500	3,000	2,700	2,700	2,700	3,200	4,200	3,000	2,700	3,200	4,200	3,000	3,700	5,000	4,000
Contrast Ratio	10000:1	10000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	10000:1	10000:1	10000:1	10000:1	10000:1	3000:1	3000:1
Throw Ratio (distance width)	1.96 - 2.15:1	1.96 - 2.15:1	1.15 - 1.5	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 1.8:1	1.5 - 2.5:1	1.5 - 2.5:1
Projection lens — Zoom	Manual x 1.1	Manual x 1.1	Manual x 1.1	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.2	Manual x 1.7	Manual x 1.7
Projection lens — Focus	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Features — ACCENTUALIZER	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-
HDCR	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-
Image Optimizer	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-
Edge Blending	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warping	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lens Shift	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Manual	Manual
Perfect fit	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Network LAN Wireless IEEE802.11b/g/n (optional USB wireless adapter is required.)	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC-Less Interactive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PC-Less Presentation	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC-Less Installation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stacking	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
Picture Mode	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Picture by Picture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Picture in Picture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Expected Lamp Life (hrs) — Normal	4,500	3,500	4,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	3,000	3,000
Expected Lamp Life (hrs) — Eco2 (Eco)	6,000	5,000	5,000	6,000	6,000	6,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	5,000	5,000
Lamp Wattage (W)	196	200	210	215	215	215	225	225	225	215	215	215	225	225	245	245
Expected Filter Life (hrs)	-	-	-	5,000	5,000	2,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Speakers Output	2W	2W	2W	1W	-	1W	16W	1W	16W	16W x 1	16W x 1	16W x 1	16W x 1	16W x 1	8W x 2	8W x 2
Acoustic Noise Level (dB) — Normal	33	36	34	37	37	37	37	37	37	37	37	37	37	37	36	36
Acoustic Noise Level (dB) — Eco1 (Eco)	29	30	29	29	29	29	32	32	32	32	32	32	32	32	30	30
Acoustic Noise Level (dB) — Eco2	-	-	-	-	-	-	29	29	29	29	29	29	29	29	-	-
Power Supply	AC110-120V/AC220-240V, 50/60Hz									AC110-120V/AC220-240V, 50/60Hz						
Power Consumption	250W	290W	270W	320W	320W	320W	330W	330W	330W	330W	330W	330W	330W	330W	350	350
Dimensions W x H x D, mm (excluding protrusion)	314.6 x 89.1 x 208	314.6 x 89.1 x 208	265 x 81.5 x 223	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	320 x 85 x 245	401 x 103 x 318	401 x 103 x 318
Weight (kg)	2.3	2.4	2.2	3	3	2.9	3	3	3	3	3	3	3	3	4.6	4.6
PC Input 15-pin mini D-sub	x2	x2	x2	x1	x1	x1	x2	x2	x2	x2	x2	x2	x2	x2	x1	x1
PC Input BNC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x1	x1
PC Output 15-pin mini D-sub	x1	x1	x1	-	-	-	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Video Input HDBaseT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Video Input 3G SDI in/out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Video Input Display Port	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Video Input HDMI (HDCP compliant)	x1	x1	x1	-	-	-	x1	x1	x1	x2	x2	x2	x2	x2	x1	x1
Video Input DVI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Video Input S-Video Mini DIN 4 pin	x1	x1	x1	-	-	-	-	-	-	-	-	-	-	-	x1	x1
Video Input Composite Video RCA jack	x1	x1	x1	x1	-	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Video Input Component Video 15-pin D-sub	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	-	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x2 (shared computer 1/2)	x1	x1
Audio Input 3.5 mm Stereo mini jack	x1	x1	x1	x1	-	x2	-	x2	x2	x2	x2	x2	x2	x2	x2	x2
Audio Input RCA jack (L/R)	-	-	-	-	-	-	x1	-	x1	x1	x1	x1	x1	x1	x1	x1
Audio Output 3.5 mm Stereo mini jack	x1	x1	x1	x1	-	x1	-	x1	x1	x1	x1	x1	x1	x1	-	-
Audio Output RCA jack (L/R)	-	-	-	-	x1	-	x1	-	-	-	-	-	-	-	x1	x1
Mic Input 3.5mm mono mini										x1	x1	x1	x1	x1	x1	x1
Control Network LAN Wired RJ-45	-	-	-	-	-	-	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Control USB Type A/B	-	-	-	-	-	-	Type B x 1	-	Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1
Control RS232C 9-pin D-sub	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Compatibility — Signals Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"									VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"						
Signals Video Inputs	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i									NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p,1080i, 1080p						
Languages	21	21	33	33	33	33	33	33	33	33	33	33	33	33	33	33
Replacement Parts — Lamp	DT01851	DT01853	DT01463	DT01431	DT01431	DT01433	DT01481	DT01481	DT01481	DT01481	DT01481	DT01481	DT01481	DT01481	DT01171	DT01171
Filter	-	-	-	UX38841	UX38851	UX38851	UX38841	UX38841	UX38841	UX38841	UX38841	UX38841	UX38841	UX38841	MU07791	MU07791
Remote Control	HL02961	HL02961	HL02961	HL02881	HL02881	HL02881	HL03031	HL03031	HL03031	HL03031	HL03031	HL03031	HL03031	HL03031	HL02881	HL02881

Short Throw Series / Ultra Short Throw Series / Interactive Ultra Short Throw Series

	Model Name	CP-CX251	CP-CX301WN	CP-CW251WN	CP-CW301WN	CP-BX301WN	CP-BW301WN	CP-AX2505EF	CP-AX3005EF	CP-AX3505EF	CP-AW2505EF	CP-AW3005EF	CP-TW2505EF	CP-TW3005EF
Display	Light Source	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp
	LCD Panel / DLP Chip	0.63" 3LCD	0.63" 3LCD	0.59" 3LCD	0.59" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.63" 3LCD	0.59" 3LCD	0.59" 3LCD	0.59" 3LCD	0.59" 3LCD
	Resolution (colour pixels)	XGA 1024 x 768	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800	XGA 1024 x 768	WXGA 1280 x 800	XGA 1024 x 768	XGA 1024 x 768	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800
	Brightness (ANSI Lumens)	2,500	3,100	2,600	3,100	3,200	3,000	2,700	3,300	3,600	2,700	3,300	2,700	3,300
	Contrast Ratio	2000:1	10,000:1	10,000:1	10,000:1	3000:1	3000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
	Throw Ratio (distance width)	0.6:1	0.6:1	0.6:1	0.6:1	0.4:1	0.4:1	0.3:1	0.3:1	0.3:1	0.3:1	0.3:1	0.3:1	0.3:1
	Projection lens — Zoom	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)	n/a (Digital x 1.35)
	Projection lens — Focus	Manual	Manual	Manual	Manual	Manual	Manual	Powered	Powered	Powered	Powered	Powered	Powered	Powered
Features	ACCENTUALIZER	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	HDCR	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Image Optimizer	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Edge Blending	-	-	-	-	-	-	-	-	-	-	-	-	-
	Warping	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lens Shift	-	-	-	-	-	-	-	-	-	-	-	-	-
	Perfect fit	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Network LAN Wireless IEEE802.11b/g/n (optional USB wireless adapter is required.)	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	PC-Less Interactive	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
	PC-Less Presentation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	PC-Less Installation	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
	Stacking	-	-	-	-	-	-	-	-	-	-	-	-	-
	Picture Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Picture by Picture	-	-	-	-	-	-	-	-	-	-	-	-	-
	Picture in Picture	-	-	-	-	-	-	-	-	-	-	-	-	-
Numerical Information	Expected Lamp Life (hrs) — Normal	5,000	5,000	5,000	5,000	5,000	4,000	5,000	4,000	4,000	5,000	4,000	5,000	4,000
	Expected Lamp Life (hrs) — Eco2 (Eco)	10,000	10,000	10,000	10,000	10,000	6,000	10,000	6,000	6,000	10,000	6,000	10,000	6,000
	Lamp Wattage (W)	225	225	225	225	215	215	225	250	250	225	250	225	250
	Expected Filter Life (hrs)	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
	Speakers Output	1W x 1	16W x 1	16W x 1	16W x 1	10W x 1	10W x 1	16W	16W	16W	16W	16W	8W x 2 (stereo)	8W x 2 (stereo)
	Acoustic Noise Level (dB) — Normal	36	36	36	36	36	37	34	36	36	34	36	34	36
	Acoustic Noise Level (dB) — Eco1 (Eco)	32	32	32	32	32	32	32	32	32	32	32	32	32
	Acoustic Noise Level (dB) — Eco2	29	29	29	29	28	29	28	29	29	28	29	28	29
	Power Supply	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz	AC110-120V/AC220-240V, 50/60Hz
	Power Consumption	300W	340W	340W	340W	320W	320W	330W	360W	360W	330W	360W	350W	360W
	Dimensions W x H x D, mm (excluding protrusion)	345 x 85 x 303	345 x 85 x 303	345 x 85 x 303	345 x 85 x 303	345 x 85 x 303	345 x 85 x 303	377 x 136 x 360	377 x 136 x 360	377 x 136 x 360	377 x 136 x 360	377 x 136 x 360	377 x 136 x 360	377 x 136 x 360
	Weight (kg)	3.4	3.6	3.6	3.6	3.7	3.7	4.3	4.3	4.3	4.3	4.3	4.4	4.4
Terminals	PC — Input — 15-pin mini D-sub	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2
	PC — Input — BNC	-	-	-	-	-	-	-	-	-	-	-	-	-
	PC — Output — 15-pin mini D-sub	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Video — Input — HDBaseT	-	-	-	-	-	-	-	-	-	-	-	-	-
	Video — Input — 3G SDI in/out	-	-	-	-	-	-	-	-	-	-	-	-	-
	Video — Input — Display Port	-	-	-	-	-	-	-	-	-	-	-	-	-
	Video — Input — HDMI (HDCP compliant)	x 1	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2
	Video — Input — DVI	-	-	-	-	-	-	-	-	-	-	-	-	-
	Video — Input — S-Video Mini DIN 4 pin	x 1	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-
	Video — Input — Composite Video RCA jack	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Video — Input — Component Video 15-pin D-sub	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2
	Audio — Input — 3.5 mm Stereo mini jack	x 2	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Audio — Input — RCA jack (L/R)	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Audio — Output — 3.5 mm Stereo mini jack	-	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Audio — Output — RCA jack (L/R)	x 1	-	-	-	-	-	-	-	-	-	-	-	-
	Mic — Input — 3.5mm mono mini	-	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
	Control — Network LAN Wired — RJ-45	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Control — USB — Type A/B	Type A x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1	Type A x 2, Type B x 1
	Control — RS232C Control — 9-pin D-sub	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Compatibility	Signals — Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"						VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"						
	Signals — Video Inputs	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p, 1080i, 1080p						NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p, 1080i, 1080p						
Languages		33	33	33	33	33	33	33	33	33	33	33	33	33
Replacement Parts	Lamp	DT01511	DT01511	DT01511	DT01511	DT01511	DT01411	DT01511	DT01411	DT01411	DT01511	DT01411	DT01511	DT01411
	Filter	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)	UX37191 (Hybrid)
	Remote Control	HL03031	HL03035	HL03035	HL03035	HL03035	HL03035	HL03033	HL03033	HL03033	HL03033	HL03033	HL03033	HL03033

Model Name			CP-X8150YGF	CP-X8160YGF	CP-X8170GF	CP-WX8240YGF	CP-WX8255YGF	CP-WX8265GF	CP-WU8440YGF	CP-WU8451YGF	CP-WU8461GF
Display	Light Source		Lamp								
	LCD Panel / DLP Chip		0.63" 3LCD	0.79" 3LCD	0.79" 3LCD	0.59" 3LCD	0.75" 3LCD	0.75" 3LCD	0.76" 3LCD	0.76" 3LCD	0.76" 3LCD
	Resolution (colour pixels)		XGA			WXGA			WUXGA		
			1024 x 768			1280 x 800			1920 x 1200		
	Brightness (ANSI Lumens)		5,000	6,000	7,000	4,000	5,500	6,500	4,200	5,000	6,000
	Contrast Ratio		3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1	5000:1	5000:1
	Throw Ratio (distance width)		1.5-2.2:1	1.5-3.0:1		1.5-2.2:1	1.5-3.0:1		1.5-2.9:1		
	Projection lens	Zoom	Powered								
		Focus	Powered								
Features	ACCENTUALIZER		-	-	Yes	-	-	Yes	-	Yes	
	HDCR		-						Yes		
	Image Optimizer		-								
	Edge Blending		-								
	Warping		-								
	Lens Shift		Powered								
	Perfect fit		Yes								
	Network LAN Wireless IEEE802.11b/g/n (optional USB wireless adapter is required.)		Yes								
	PC-Less Interactive		-								
	PC-Less Presentation		Yes								
	PC-Less Installation		-								
	Stacking		Yes								
	Picture Mode		Yes								
	Picture by Picture		-			Yes					
	Picture in Picture		-		Yes	-		Yes	-		Yes
Numerical Information	Expected Lamp Life (hrs)	Normal	2,500			2,000	2,500		2,000	2,500	2,000
		Eco2 (Eco)	4,000	3,000	2,500	4,000	3,000	2,500	4,000	3,000	2,500
	Lamp Wattage (W)		245	330	365	245	330	365	245	330	365
	Expected Filter Life (hrs)		15,000	20,000	20,000	15,000	20,000		15,000	20,000	
	Speakers Output		8W x 2 (stereo)		-	8W x 2 (stereo)		-	8W x 2		
	Acoustic Noise Level (dB)	Normal	35	37	39	35	37	39	35	37	39
		Eco1 (Eco)	29	31	33	29	31	33	29	31	33
		Eco2	-								
	Power Supply		AC110-120V/AC220-240V, 50/60Hz								
	Power Consumption		375W	480W	500W	375W	480W	500W	375W	500W	550W
	Dimensions W x H x D, mm (excluding protrusion)		498 x 135 x 396						498 x 135 x 396		
	Weight (kg)		8.4	8.8		8.4	8.8		8.7	9.2	
Terminals	PC Input	15-pin mini D-sub	x 1								
		BNC	x 1						x 3	-	
	PC Output	15-pin mini D-sub	x 1								
	Video Input	HDBaseT	-							x 1	
		3G SDI in/out	-								
		Display Port	-								
		HDMI (HDCP compliant)	x 2								
		DVI	-								
		S-Video Mini DIN 4 pin	x 1								
		Composite Video RCA jack	x 1								
		Component Video 15-pin D-sub	x 1 (shared computer in 1)						x 1 (shared computer in 1)		
	Audio Input	3.5 mm Stereo mini jack	x 1						x 2		
		RCA jack (L/R)	x 1								
	Audio Output	3.5 mm Stereo mini jack	-								
		RCA jack (L/R)	x 1								
	Mic Input	3.5mm mono mini									
	Control Network LAN Wired	RJ-45	Yes								
	USB	Type A/B	Type A x 2, Type B x 1								
	RS232C Control	9-pin D-sub	x 1								
Compatibility	Signals	Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16"						VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16", WSXGA+, WUXGA		
		Video Inputs	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p, 1080i, 1080p								
Languages			33								
Replacement Parts	Lamp		DT01281	DT01291	DT01471	DT01281	DT01291	DT01471	DT01281	DT01291	DT01471
	Filter		MU06642	UX38241	UX38242	MU06642	UX38241	UX38242	MU06642	UX38241	UX38242
	Remote Control		HL02801	HL02801	HL02801	HL02801	HL02801	HL02801	HL02801	HL02801	HL02801

	CP-X8800	CP-WX8650	CP-WX8750	CP-WU8600	CP-WU8700	CP-X9110	CP-WX9210	CP-HD9320	CP-HD9950B	CP-WU9410	CP-WU9100B	CP-WU13K	LP-WU9750B*
Display													
Light Source	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Lamp	Laser
LCD Panel / DLP Chip	0.79" 3LCD	0.75" 3LCD	0.75" 3LCD	0.75" 3LCD	0.76" 3LCD	0.7" DLP	0.65" DLP	0.65" DLP	0.65" DLP	0.67" DLP	0.67" DLP	0.96" 3DLP	0.67" DLP
Resolution (colour pixels)	XGA	WXGA	WXGA	WUXGA	WUXGA	XGA	WXGA	FHD	FHD	WUXGA	WUXGA	WUXGA	WUXGA
	1024 x 768	1280 x 800	1280 x 800	1920 x 1200	1920 x 1200	1024 x 768	1280 x 800	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1200	1920 x 1200	1920 x 1200
Brightness (ANSI Lumens)	8,000	6,500	7,500	6,000	7,000	10,000	8,500	8,200	9,500	8,500	10,000	13,000	7,500
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	2000:1	2500:1	2500:1	2500:1	2500:1	2500:1	2000:1	10000:1
Throw Ratio (distance width)	Lens not Included					Lens not included							
Projection lens — Zoom	Powered					Powered							
Projection lens — Focus	Powered					Powered							
Features													
ACCENTUALIZER	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
HDCR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
Image Optimizer	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes	-	Yes	-	-
Edge Blending	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warping	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lens Shift	Powered					Powered							
Perfect fit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
Network LAN Wireless IEEE802.11b/g/n (optional USB wireless adapter is required.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-
PC-Less Interactive	-	-	-	-	-	-	-	-	-	-	-	-	-
PC-Less Presentation	-	-	-	-	-	-	-	-	-	-	-	-	-
PC-Less Installation	-	-	-	-	-	-	-	-	-	-	-	-	-
Stacking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	TBD
Picture Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	TBD
Picture by Picture	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Picture in Picture	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Numerical Information													
Expected Lamp Life (hrs) — Normal	3,000	3,000	3,000	3,000	3,000	2,000	2,000	4,000	4,000	2,000	4,000	2,000	-
Expected Lamp Life (hrs) — Eco2 (Eco)	4,000	4,000	4,000	4,000	4,000	4,000	4,000	3,000	3,000	4,000	3,000	2,500	(Laser light source)
Lamp Wattage (W)	430	370	430	370	430	370 x 2	365 x 2	430 x 2	370 x 2	430 x 2	465 x 2	465 x 2	-
Expected Filter Life (hrs)	20,000	20,000	20,000	20,000	20,000	15,000	15,000	15,000	15,000	15,000	15,000	1,000	-
Speakers Output	8W x 2 (stereo)					-							
Acoustic Noise Level (dB) — Normal	37	35	37	35	37	36	36	36	36	38	38	46	40
Acoustic Noise Level (dB) — Eco1 (Eco)	31	30	31	30	31	29	29	29	29	33	33	42	TBD
Acoustic Noise Level (dB) — Eco2	-	-	-	-	-	-	-	-	-	-	-	-	-
Power Supply	AC110-120V/AC220-240V, 50/60Hz					AC110-120V/AC220-240V, 50/60Hz							
Power Consumption	600W	580W	600W	580W	600W	1060W	1060W	1090W	1090W	1060W	1090W	1250W	TBD
Dimensions W x H x D, mm (excluding protrusion)	498 x 170 x 456					537 x 170 x 438						522 x 295 x 661	500 x 205 x 580
Weight (kg)	11.1 (excluding lens)					16.6 (excluding lens)						34 (excluding lens)	29 (excluding lens)
Terminals													
PC — Input — 15-pin mini D-sub	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
PC — Input — BNC	-	-	-	-	-	x 1	x 1	-	-	x 1	x 1	-	x 1
PC — Output — 15-pin mini D-sub	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	-
Video — Input — HDBaseT	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	-	x 1
Video — Input — 3G SDI in/out	-	-	-	x 1	x 1	x 1 / -	x 1 / -	x 1 / -	x 1 / -	-	x 1 / -	x 1 / x 1	x 1 / x 1
Video — Input — Display Port	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Video — Input — HDMI (HDCP compliant)	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2	x 2
Video — Input — DVI	-	-	-	-	-	x 1	x 1	x 1	x 1	x 1	x 1	-	-
Video — Input — S-Video Mini DIN 4 pin	-	-	-	-	-	-	-	-	-	-	-	-	-
Video — Input — Composite Video RCA jack	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Video — Input — Component Video 15-pin D-sub	-	-	-	-	-	x 1 (shared computer in 1)						-	x 1
Audio — Input — 3.5 mm Stereo mini jack	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Audio — Input — RCA jack (L/R)	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Audio — Output — 3.5 mm Stereo mini jack	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Audio — Output — RCA jack (L/R)	-	-	-	-	-	-	-	-	-	-	-	-	-
Mic — Input — 3.5mm mono mini	x 1	x 1	x 1	x 1	x 1	-	-	-	-	-	-	-	-
Control — Network LAN Wired — RJ-45	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Control — USB — Type A/B	Type A x 1					Type A x 1						Type A x 1	-
Control — RS232C Control — 9-pin D-sub	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Compatibility — Signals — Computer	VGA,SVGA,XGA,WXGA,WXGA+, SXGA,SXGA+,UXGA,MAC 16",WSXGA+,WUXGA					VGA, SVGA, XGA, WXGA/WXGA+/SXGA, SXGA+/WSXGA+/UXGA/WUXGA (compressed), MAC 16"							VGA, SVGA, XGA, SXGA, SXGA+, WXGA, UXGA, MAC 16"
Compatibility — Signals — Video Inputs	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p, 1080i, 1080p					NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM, 480i, 480p, 576i, 720p, 1080i, 1080p							
Languages	33					33						9	9
Replacement Parts — Lamp	DT01881	DT01871	DT01881	DT01871	DT01881	DT01581	DT01581	DT01731	DT01911	DT01581	DT01911	DT01591	-
Replacement Parts — Filter	UX40821					UX39551	UX39551	UX39551	UX39551	UX39551	UX39551	UX39951	-
Replacement Parts — Remote Control	HL02805					HL02803	HL02803	HL02803	HL02803	HL02803	HL02803	HL03051	TBD

* Coming soon

8000 SERIES INTERCHANGEABLE LENS OPTIONS (700 SERIES LENS)
Projection Distance For Optional Lenses (when projecting onto a 100" diagonal screen)*

Model	FL-701 (Fixed)	SL-702 (x1.5)	ML-703 (x2.0)	LL-704 (x1.7)	UL-705 (x1.7)
CP-X8150	82.6"(2.1m)	122.0"-181.1" (3.1-4.6m)	153.5"-303.1" (3.9-7.7m)	287.4"-488.1" (7.3-12.4m)	488.1"-830.7" (12.4-21.1m)
CP-X8160	66.9"(1.7m)	98.4"145.6" (2.5-3.7m)	122.0"-244.0" (3.1-6.2m)	232.2"-303.7" (5.9-10.0m)	393.7"-665.3" (10.0-16.9m)
CP-X8170	66.9"(1.7m)	98.4"-145.6" (2.5-3.7m)	122.0"-244.0" (3.1-6.2m)	232.2"-393.7" (5.9-10.0)	393.7"-665.3" (10.0-16.9m)
CP-WX8240	86.6"(2.2m)	125"-192.0" (3.2-4.9m)	161.4"-318.8" (4.1-8.1m)	307.0"-519.6" (7.8-13.2m)	515.7"-877.9" (13.1-22.3m)
CP-WX8255	70.9"(1.8m)	102.3"-153.5" (2.6-3.9m)	129.9"-255.9" (3.3-6.5m)	244.0"-413.3" (6.2-10.5m)	413.3"-704.7" (10.5-17.9m)
CP-WX8265	70.9"(1.8m)	102.4"-153.5" (2.6-3.9m)	129.9"-255.9" (3.3-6.5m)	244.0"-413.3" (6.2-10.5m)	413.3"-704.7" (10.5-17.9m)
CP-WU8440	70.9"(1.8m)	98.4"-149.6" (2.5-3.8m)	125.9"-251.9" (3.2-6.4m)	240.1"-405.5" (6.1-10.3m)	405.5"-692.9" (10.3-17.6m)
CP-WU8451	70.9"(1.8m)	98.4"-149.6" (2.5-3.8m)	125.9"-251.9" (3.2-6.4m)	240.1"-405.5" (6.1-10.3m)	405.5"-692.9" (10.3-17.6m)
CP-WU8461	70.9"(1.8m)	98.4"-149.6" (2.5-3.8m)	125.9"-251.9" (3.2-6.4m)	240.1"-405.5" (6.1-10.3m)	405.5"-692.9" (10.3-17.6m)

Model	FL-701 (Fixed)	SL-712 (x1.5)	ML-713 (x1.7)	LL-704 (x1.7)	UL-705 (x1.7)
CP-X8800	67"(1.7m)	97"-145" (2.5-3.7m)	139"-237" (3.5-6.0m)	231"-392" (5.9-10.0m)	393"-667" (10.0-16.9m)
CP-WX8650	71"(1.8m)	102"-154" (2.6-3.9m)	146"-249" (3.7-6.3m)	244"-415" (6.2-10.5m)	415"-705" (10.5-17.9m)
CP-WX8750	71"(1.8m)	102"-154" (2.6-3.9m)	146"-249" (3.7-6.3m)	244"-415" (6.2-10.5m)	415"-705" (10.5-17.9m)
CP-WU8600	69"(1.7m)	100"-151" (2.5-3.8m)	143"-244" (3.6-6.2m)	240"-407" (6.1-10.3m)	407"-691" (10.3-17.6m)
CP-WU8700	69"(1.7m)	100"-151" (2.5-3.8m)	143"-244" (3.6-6.2m)	240"-407" (6.1-10.3m)	407"-691" (10.3-17.6m)

9000 SERIES INTERCHANGEABLE LENS OPTION (900 SERIES LENS)
Projection Distance For Optional Lenses (when projecting onto a 100" diagonal screen)*

Model	FL-910** (Fixed)	USL-901 (x1.3)	SL-902 (x1.5)	SD-903W (x1.5)	SD-903X (x1.5)	ML-904 (x1.5)	LL-905 (x1.6)	UL-906 (x1.6)
CP-X9110	32"(0.80m)	67"-84" (1.7-2.1m)	98"-146" (2.5-3.7m)	-	136"-205" (3.5-5.2m)	200"-306" (5.1-7.8m)	291"-471" (7.4-12.0m)	462"-732" (11.7-18.6m)
CP-WX9210	34"(0.85m)	71"-88" (1.8-2.2m)	105"-156" (2.7-4.0m)	147"-220" (3.7-5.6m)	-	216"-329" (5.5-8.3m)	314"-506" (8.0-12.9m)	496"-786" (12.6-20.0m)
CP-HD9320	33"(0.83m)	69"-86" (1.8-2.2m)	103"-153" (2.6-3.9m)	143"-215" (3.6-5.5m)	-	211"-322" (5.4-8.2m)	307"-495" (7.8-12.6m)	485"-769" (12.3-19.5m)
CP-HD9950B	33"(0.83m)	69"-86" (1.8-2.2m)	103"-153" (2.6-3.9m)	143"-215" (3.6-5.5m)	-	211"-322" (5.4-8.2m)	307"-495" (7.8-12.6m)	485"-769" (12.3-19.5m)
CP-WU9410	32"(0.81m)	67"-84" (1.7-2.1m)	100"-149" (2.5-3.8m)	140"-209" (3.5-5.3m)	-	205"-313" (5.2-7.9m)	298"-482" (7.6-12.2m)	472"-749" (12.0-19.0m)
CP-WU9100B	32"(0.81m)	67"-84" (1.7-2.1m)	100"-149" (2.5-3.8m)	140"-209" (3.5-5.3m)	-	205"-313" (5.2-7.9m)	298"-482" (7.6-12.2m)	472"-749" (12.0-19.0m)

CP-WU13K INTERCHANGEABLE LENS OPTION (K1 SERIES LENS)
Projection Distance For Optional Lenses (when projecting onto a 200" diagonal screen)*

Model	FL-K01 (Fixed)	FL-K02 (Fixed)	SL-K03 (x1.3)	ML-K04 (x1.3)	LL-K05 (x1.6)	UL-K06 (x1.6)
CP-WU13K	119" (3.0m)	245" (5.0m)	241"-323" (6.1-8.2m)	321"-438" (8.2-11.1m)	437"-709" (11.1-18.0m)	708"-1183" (18.0-30.0m)

* Projection Distance: Projector's front panel to screen (except FL-910)
        Lens front end to screen for FL-910

**FL-910 includes lens mount bracket

OPTIONAL ACCESSORIES

Category	Model Name	Mounting Accessory	Other Accessories
Portable	CP-DX301ES CP-DX351ES	HAS-X301 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	-
	CP-RX250EF ED-27X CP-EX250EF CP-EX301N CP-EX401EF CP-EW301N	HAS-EX300 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	-
	CP-DH300ES	-	-
Multi Purpose	CP-X2541WN CP-X3041WNEF(H) CP-WX3041WN CP-X4041WNEF CP-WX3541WNEF	HAS-EX300 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	USB-WL-11N USB wireless adapter
	CP-X5022WNGF(H) CP-WX4022WNGF(H)	HAS-3010 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount)	USB-WL-11N USB wireless adapter
Short Throw	CP-CX251		-
	CP-CX301WN CP-CW251WN CP-CW301WN CP-BX301WN CP-BW301WN	HAS-P100 Fixing adapter for high ceiling HAS-203L Fixing adapter for low ceiling HAS-AW100 Bracket for ceiling mount	USB-WL-11N USB wireless adapter
Ultra Short Throw	CP-AX2505EF CP-AX3005EF CP-AX3505EF CP-AW2505EF CP-AW3005EF	HAS-WM03/HAS-WM05 Wall Mount unit TT-03 Table top use kit HAS-P100 Fixing adapter for high ceiling HAS-203L Fixing adapter for low ceiling HAS-AW100 Bracket for ceiling mount	USB-WL-11N USB wireless adapter HAS-RB01 Receiver bracket for Apple TV I-PEN4 Interactive Pen (CP-TW2505EF, CP-TW3005EF) FT-01B Finger Touch Unit (CP-TW2505EF, CP-TW3005EF)
Ultra Short Throw Interactive	CP-TW2505EF CP-TW3005EF		
Professional & Installation	CP-X8150YGF CP-X8160YGF CP-X8170GF CP-WX8240YGF CP-WX8255YGF CP-WX8265GF CP-SX8350YGF CP-WU8440YGF CP-WU8451YGF CP-WU8461GF	HAS-8150 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	USB-WL-11N USB wireless adapter
	CP-X8800 CP-WX8650 CP-WX8750 CP-WU8600 CP-WU8700	HAS-8150 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	
	CP-X9110 CP-WX9210 CP-HD9320 CP-HD9950B CP-WU9410 CP-WU9100B	HAS-9110 Bracket for fixing mount HAS-204L Standard adapter for fixing mount HAS-304H Long adapter for fixing mount	
	CP-WU13K	HAS-13K Bracket for ceiling mount FS-13K Frame for stacking	-

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