LCD Projector

HITACHI
Inspire the Next

High Performance Projector with SXGA+ High Resolution for Sharp, Beautiful Images Even in Large Rooms

• Projected images are simulations.
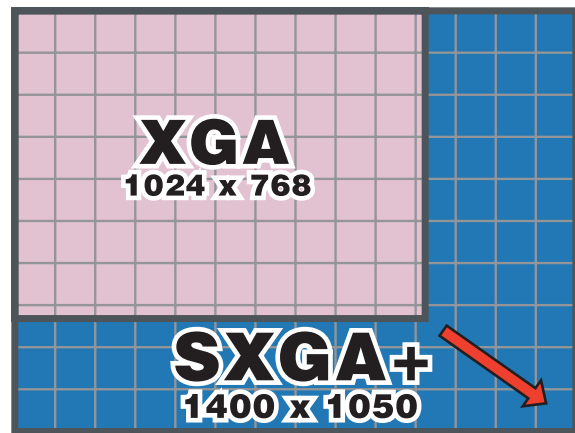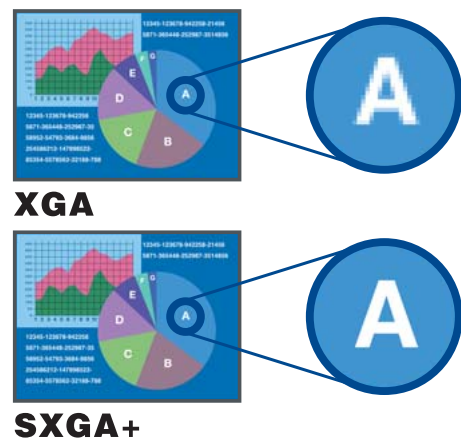
LCD Projector

CP-SX8350 | **SXGA+ 5,000 Lumens**

AMX DEVICE DISCOVERY

CRESTRON connected

3LCD

Answers the Requirements of Varying Applications and Spaces with High Resolution and Wide-ranging Functionality

LCD Projector

CP-SX8350 | **SXGA+ 5,000 Lumens**

■ High Resolution of SXGA+ (1400 x 1050)

The CP-SX8350 offers SXGA+ resolution that is capable of displaying clear and vivid details for CAD designs' technical data, simulators as well as text and graphics.

XGA
1024 x 768

SXGA+
1400 x 1050

XGA

SXGA+

SXGA+ resolution uses 1.9 times more pixels than typical XGA resolution, for much greater image clarity.

■ Variety of Lens Options

The CP-SX8350 provides four optional lenses in addition to the standard lens. In particular, the fixed short throw lens (FL-701) provides high resolution images, making it suitable for simulator applications.
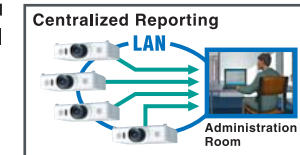
Optional Lens
Fixed short throw lens
FL-701 Zoom: Fixed

Standard Lens
Short throw zoom lens
SL-702 Zoom: x1.5

Optional Lens
Long throw zoom lens
LL-704 Zoom: x1.7

Optional Lens
Middle throw zoom lens
ML-703 Zoom: x2.0

Optional Lens
Ultra long throw zoom lens
UL-705 Zoom: x1.7

■ Lens Shift and Motorized Lens

Lens Shift allows a broad installation area. Motorized settings including optical lens shift, zoom, and focus adjustments can be adjusted from a distance by using the remote control.

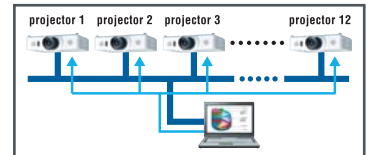## Advanced Network Functions*1

■ Convenient Networking

Embedded networking gives you the ability to manage and control multiple projectors over your LAN: Centralized Reporting, Scheduling, E-mail Alerts, and My Image (Image Transfer).

Centralized Reporting
LAN
Administration Room

■ Multi Projector*2*3*4

You can project the same image from up to 12*5 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.

projector 1 projector 2 projector 3 ...... projector 12

*1 Video transfer through network may not be supported depending on combination of computer hardware and software. For projecting video sources, video/computer cable is preferable. *2 This function will be provided later by software update from the website http://www.hitachi-america.us/digitalmedia *3 To secure better performance, a wired network is preferable. *4 Applicable for video only. *5 Video transfer speed may vary depending on number of projectors connected.
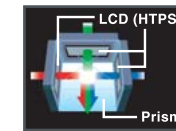
Hardware and software requirements for network capability
OS: One of the following. Windows® XP Home Edition/Professional Edition (32 bit version only), Windows Vista® Home Basic/Home Premium/Business/Ultimate/Enterprise, Windows® 7 Starter/Home Basic/Home Premium/Professional/Ultimate/Enterprise **CPU:** Pentium® 4 (2.8 GHz or higher) **Graphic card:** 16 bit, XGA or higher (When using the "LiveViewer" it is recommended that the display resolution of your computer be set to 1024 x 768.) **Memory:** 512 MB or higher **Hard disk space:** 100 MB or higher **Web browser:** Internet Explorer® 6.0 or higher **CD-ROM drive**
• If many computers are connected to the network or the connected computer is under excessive load, higher specifications may be required.
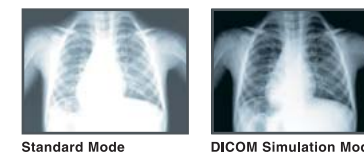
■ 3 LCD Panels with Inorganic Alignment Layers

This projector incorporates three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio.

LCD (HTPS)
Prism

■ 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 projector has a DICOM (Digital Imaging and Communications in Medicine) 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. This projector is not medical devices and is 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.

Standard Mode   DICOM Simulation Mode

■ Easy Maintenance

Lamp door and filter cover are on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling.

■ High Performance Filter

The high performance filter is made of two layers of unwoven cloth and lasts up to approximately 15,000 hours* without cleaning, reducing maintenance time.

* Varies according to usage environment.

■ More Convenient Features

• 2 HDMI® Digital Inputs • Wireless Capability (Option) Supporting IEEE802.11b/g/n • 8W + 8W Stereo Speakers • Perfect Fit • Mechanical SHADE • Operating Altitude: 0-3,048m (0-10,000ft) • Low Noise of 31dB*1 (Eco Mode) • PC-Less Presentation • Display via USB • Template Function*2 • Closed Caption • Auto Vertical Keystone Correction • Compatible with AMX Device Discovery • Compatible with Crestron RoomView® • VESA Compatible Ceiling Mount Screw Holes
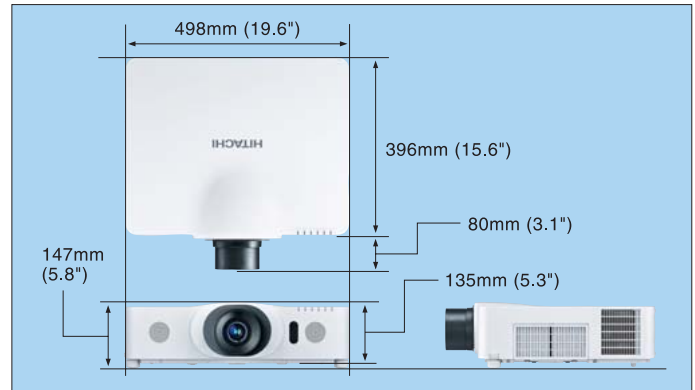
*1 Typical. Tested in 23°C environmental conditions. *2 Patent pending
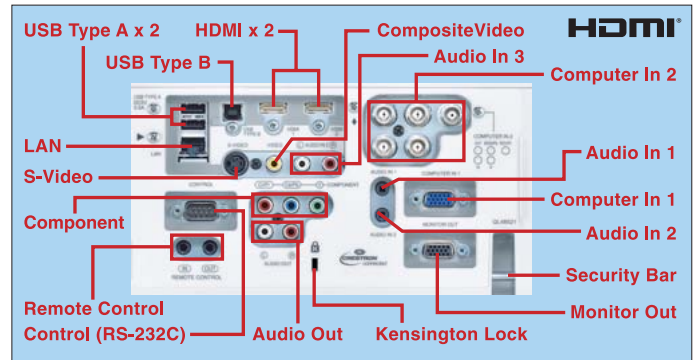
• Projected images are simulations.

SPECIFICATIONS

Model name	CP-SX8350
Liquid crystal panel	0.79 type (inch), 2.0cm polysilicon active-matrix TFT x 3
Number of pixels	1,470,000 pixels (H1400 x V1050)
Resolution	1400 x 1050 color pixels (SXGA+)
Motorized zoom	x1.5
Lamp	330W UHP
Light output (brightness)	5,000 Lumens
Contrast ratio	3,000:1 (Presentation mode)
Audio	8W x 2
Keystone correction	Auto Vertical Keystone
Power supply	AC100-120V/AC220-240V
Operating temperature	0-35°C (32-95°F)

Input signals	Computer input	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60

Input/output terminals	Video input x 3	S-Video: Mini DIN 4 pin jack x 1, Composite video: RCA jack x 1, Component video: RCA jack x 3
	Audio input x 3	3.5mm (stereo) mini jack x 2, RCA jack x 2 (L/R)
	Computer input x 2	Analog RGB: D-sub 15 pin mini jack x 1, BNC jack x 5
	HDMI input x 2	HDMI connector x 2 (HDCP compliant)
	Remote control intput	3.5mm (stereo) mini jack x 1
	Audio output x 1	RCA jack x 2 (L/R)
	Monitor output x 1	Analog RGB: D-sub 15 pin mini jack x 1
	Remote control output	3.5mm (stereo) mini jack x 1
	USB	USB type A connector x 2 (for PC-less presentation or wireless adapter), USB type B connector x 1 (for USB display or USB mouse control)
	Control	D-sub 9 pin plug x 1 for RS232C
	Wireless network	Option with USB wireless adapter (USB-WL-11N)
	Wired network (LAN)	RJ45 jack x 1

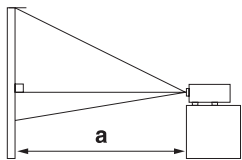| Agency certifications	UL/cUL, FCC Part15 class A, AS/NZS CISPR22 class A, CE, GOST-R
Dimensions (WxHxD)	498 x 135 x 396mm (19.6" x 5.3" x 15.6") [excluding protruding part]
Weight	Approximately 8.5kg (18.7 lbs.)
Standard accessories	Remote control (Part#: HL02801) with two AA batteries, Power cord, Computer cable, Lens cover, User's manuals, Security label, Application CD, Adapter cover
Optional accessories	Lamp: DT01291, Filter set: MU06642, USB wireless adapter: USB-WL-11N

DIMENSIONS

498mm (19.6")
396mm (15.6")
80mm (3.1")
147mm (5.8")
135mm (5.3")

TERMINALS

HⅮMI®

USB Type A x 2
HDMI x 2
CompositeVideo
USB Type B
Audio In 3
Computer In 2
LAN
S-Video
Audio In 1
Component
Computer In 1
Audio In 2
Security Bar
Monitor Out
Remote Control Control (RS-232C)
Audio Out
Kensington Lock

PROJECTION DISTANCE

a: LCD projector-to-screen distance

Screen Size (4:3 Screen)	Optional Lens FL-701 (Fixed short throw lens) a	Standard Lens SL-702 (Short throw zoom lens) a Min	a Max	Optional Lens ML-703 (Middle throw zoom lens) a Min	a Max	Optional Lens LL-704 (Long throw zoom lens) a Min	a Max	Optional Lens UL-705 (Ultra long throw zoom lens) a Min	a Max
30 type (inch), 0.8m	0.5m (21")	0.7m (29")	1.1m (44")	0.9m (37")	1.8m (73")	1.8m (69")	2.9m (115")	3.2m (124")	5.2m (205")
40 type (inch), 1.0m	0.7m (28")	1.0m (39")	1.5m (58")	1.2m (49")	2.5m (97")	2.3m (92")	3.9m (154")	4.1m (162")	6.9m (270")
50 type (inch), 1.3m	0.9m (34")	1.2m (48")	1.8m (73")	1.5m (61")	3.1m (121")	2.9m (115")	4.9m (193")	5.1m (200")	8.5m (335")
60 type (inch), 1.5m	1.0m (40")	1.5m (58")	2.2m (87")	1.9m (73")	3.7m (145")	3.5m (138")	5.9m (233")	6.0m (238")	10.2m (400")
70 type (inch), 1.8m	1.2m (47")	1.7m (67")	2.6m (101")	2.2m (85")	4.3m (169")	4.1m (161")	6.9m (272")	7.0m (276")	11.8m (466")
80 type (inch), 2.0m	1.4m (53")	2.0m (77")	2.9m (115")	2.5m (97")	4.9m (193")	4.7m (183")	7.9m (311")	8.0m (314")	13.5m (531")
90 type (inch), 2.3m	1.5m (60")	2.2m (86")	3.3m (130")	2.8m (109")	5.5m (217")	5.2m (206")	8.9m (350")	8.9m (352")	15.1m (596")
100 type (inch), 2.5m	1.7m (66")	2.4m (96")	3.7m (144")	3.1m (121")	6.1m (241")	5.8m (229")	9.9m (389")	9.9m (390")	16.8m (662")
120 type (inch), 3.0m	2.0m (79")	2.9m (115")	4.4m (173")	3.7m (145")	7.3m (289")	7.0m (275")	11.9m (467")	11.8m (465")	20.1m (792")
150 type (inch), 3.8m	2.5m (99")	3.6m (143")	5.5m (216")	4.6m (182")	9.2m (361")	8.7m (344")	14.9m (585")	14.7m (579")	25.1m (988")
200 type (inch), 5.1m	3.3m (131")	4.8m (191")	7.3m (287")	6.2m (242")	12.2m (481")	11.6m (458")	19.8m (781")	19.5m (769")	33.4m (1314")
250 type (inch), 6.4m	4.1m (163")	6.0m (238")	9.1m (359")	7.7m (303")	15.3m (600")	14.5m (572")	24.8m (976")	24.3m (958")	41.7m (1640")
300 type (inch), 7.6m	5.0m (196")	7.2m (285")	10.9m (430")	9.2m (363")	18.3m (720")	17.4m (686")	29.8m (1172")	29.2m (1148")	50.0m (1967")
350 type (inch), 8.9m	5.8m (228")	8.4m (333")	12.7m (502")	10.8m (423")	21.3m (840")	20.3m (801")	34.7m (1368")	34.0m (1337")	58.2m (2293")
400 type (inch), 10.2m	6.6m (260")	9.7m (380")	14.6m (573")	12.3m (484")	24.4m (960")	23.2m (915")	39.7m (1563")	38.8m (1527")	66.5m (2619")
500 type (inch), 12.7m	8.3m (325")	12.1m (475")	18.2m (717")	15.4m (605")	30.5m (1200")	29.1m (1144")	49.6m (1955")	48.4m (1906")	83.1m (3272")
600 type (inch), 15.2m	9.9m (390")	14.5m (570")	21.8m (860")	18.4m (726")	36.6m (1440")	34.9m (1372")	59.6m (2346")	58.0m (2285")	99.7m (3925")

• Tolerance ±10% (for projection distance a) • Final specifications may vary slightly.

Consideration for the Environment

■ Compliance with EU Directive RoHS*[1]

*1 RoHS is the acronym of "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

■ Reduction of resin usage in production

Use of hot runners in molds for making upper housing in order to reduce mill ends.

■ Power saving mode engaged during standby

■ Eco mode

Eco mode provides power saving.

HITACHI

dnx pixelworks™

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