

**Cost-effective LCD projector captures attention in classrooms or conference rooms with dynamic images and 2,700 ANSI lumens.**



## Key Features

- XGA 1024 x 768 resolution
- 2,700 ANSI lumens white/color output
- 16W audio output
- 2000:1 contrast ratio
- HDMI 1 input
- 5,000 hours unwoven filter\*
- 10,000 hours lamp life (Eco-2 mode)\*\*

From the classroom to the conference room, Hitachi's cost-effective CP-EX251N LCD projector combines superior image clarity, high quality value, and long-life reliability. Bright, vivid colors with razor-sharp text and bold graphics will truly enhance any lesson or meeting and make it more memorable. For added security, the CP-EX251N includes PIN lock protection which can limit projector users. MS-1 wired and MS-1WL wireless multifunction switchers are available as accessories for the CP-EX251N and operate in conjunction with the receiver to provide expanded source selection and switching options for connected devices. Plus, Hitachi's Intelligent Eco Mode with ImageCare combines optimal picture performance with maximum energy savings for a lower total cost of ownership. For added peace of mind, Hitachi's CP-EX251N is also backed by a generous warranty and our world-class service and support programs.

# CP-EX251N

## FEATURES

### ImageCare Technology

**ImageCare** ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

### Intelligent Eco and Saver Modes



Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

### Wired and Wireless Switcher Solutions



Multifunctional switcher operates in conjunction with the receiver to provide expanded source selection and switching options for connected devices. The switcher is sold as an optional accessory that can provide 1080p 30 fps wireless via WHDI for both video and audio.

### PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

### Network Control, Maintenance and Security



Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, and e-mail alerts for reactive and routine maintenance.



3LCD Technology



Closed Captioning



Crestron Integrated Partner



AMX Device Discovery



Hitachi Trade-Up Program



3 Year Warranty

**HDMI** HDMI



Front View



Top View

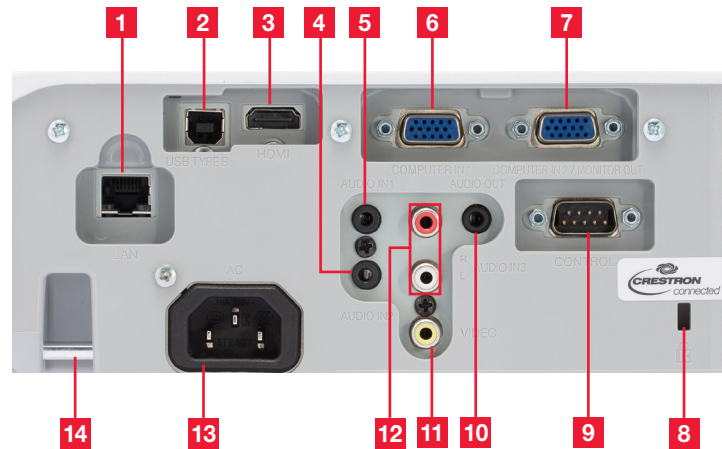


Left Profile



Right Profile

## Input/Outputs



- |               |                              |                  |
|---------------|------------------------------|------------------|
| 1. LAN        | 6. Computer in 1             | 11. Video        |
| 2. USB Type B | 7. Computer in 2/Monitor Out | 12. Audio in 3   |
| 3. HDMI       | 8. Kensington Lock           | 13. AC           |
| 4. Audio in 2 | 9. Control (RS-232C)         | 14. Security Bar |
| 5. Audio in 1 | 10. Audio Out                |                  |

# CP-EX251N

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## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, 2 AA batteries, user's manual CD, user's manual
<b>Optional Accessories</b>	NA
<b>Optional Lenses</b>	NA
<b>Replacement Parts</b>	
<b>Lamp</b>	DT01481 with filter
<b>Remote Control</b>	HL03031
<b>Filter</b>	UX38841

## Projection Throw Chart

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
30	24	34	41
60	48	70	84
80	64	94	113
100	80	118	142
200	160	237	285
300	240	357	428

Throw Ratio: 1.5 - 1.8 : 1 (distance : width)  
Screen size and throw distance are measured in inches.

## Specifications

<b>Display</b>	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	XGA - 1024 x 768
	<b>White Light Output</b>	2,700 ANSI lumens
	<b>Color Light Output</b>	2,700 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 4:3 and 16:9 / 16:10 compatible
	<b>Contrast Ratio</b>	2000 : 1 (using active IRIS)
<b>Lens &amp; Operation</b>	<b>Throw Ratio</b> (distance : width)	1.5 - 1.8 : 1
	<b>Focus Distance</b>	35" - 429"
	<b>Display size</b>	30" - 300"
	<b>Lens</b>	F = 2.1 - 2.3, f = 19 - 23 mm, x 1.2 manual zoom
	<b>Lamp Wattage</b>	225W
	<b>Expected Lamp Life*</b>	Approximately 5,000 hours (standard mode) 10,000 hours (Eco-2 mode)
	<b>Expected Filter Life**</b>	Approximately 5,000 hours
<b>Compatibility</b>	<b>Speaker Output</b>	16W
	<b>Keystone</b>	+/- 30° vertical only
	<b>Computer</b>	VGA, SVGA, XGA, WXGA/ WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"
	<b>H-Sync</b>	15 kHz - 106 kHz
	<b>V-Sync</b>	50 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
<b>Connectors</b>	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 1 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	15-pin mini D-sub x 1 (shared with Monitor out)
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1 (shared with Computer in 2)
	<b>Video Input</b>	
	S-Video	N/A
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1, in 2/Monitor out)
	<b>Audio Input</b>	3.5mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	3.5mm stereo mini jack x 1
	<b>Network LAN Wired</b>	RJ-45 port
	<b>Network LAN Wireless</b>	N/A
<b>Ratings &amp; Warranty</b>	<b>USB</b>	Type B x 1 (mouse control)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
	<b>Power Consumption</b>	330W
	<b>Operating Temperature</b>	41°F - 95°F (5°C - 35°C)
	<b>Dimensions (W x D x H)</b>	12.6" x 9.7" x 3.4" (excl. protruding parts)
	<b>Weight</b>	Approximately 6.8 lbs.
<b>Approvals</b>	UL 60950-1 / cUL FCC Part 15 subpart B class B	
<b>Warranty</b>	3 year limited parts and labor Extended Service Contract available (additional cost)	

\* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

\*\* Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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