CP-EX250
Technical Specifications

HITACHI
Inspire the Next
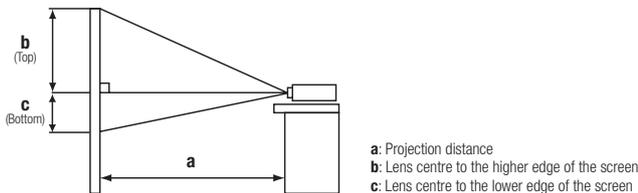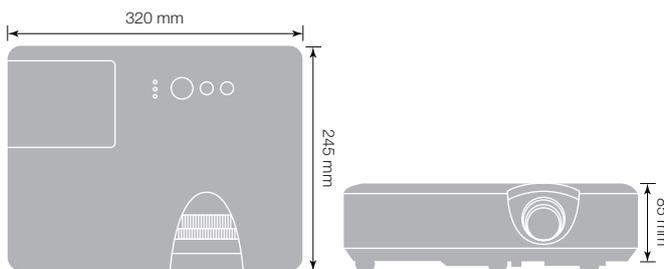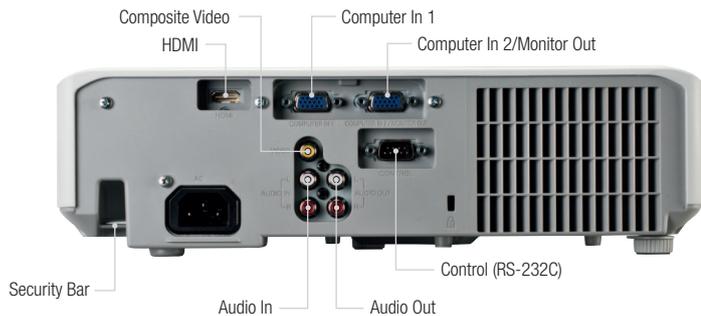

Composite Video — Computer In 1
HDMI — Computer In 2/Monitor Out

Security Bar
Audio In — Audio Out — Control (RS-232C)

320 mm
245 mm
85 mm

b (Top)
c (Bottom)
a

a: Projection distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

Image size 4:3 (from projector's end)

Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.0	39	7
40" (1.0m)	1.2	1.4	52	9
50" (1.3m)	1.5	1.8	65	11
60" (1.5m)	1.8	2.1	78	13
100" (2.5m)	3.0	3.6	131	22
200" (5.1m)	6.0	7.2	261	44
300" (7.6m)	9.1	10.9	392	65

Image size 16:9 (from projector's end)

Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	0.9	1.1	36	1
40" (1.0m)	1.3	1.5	49	1
50" (1.3m)	1.6	1.9	61	1
60" (1.5m)	1.9	2.3	73	2
100" (2.5m)	3.3	3.9	122	3
200" (5.1m)	6.6	7.9	243	6
300" (7.6m)	9.9	11.9	365	9

3LCD
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
ImageCare

OPTICAL

LCD Panel	0.63" (1.6cm) P-Si TFT x 3
Resolution	XGA (1024 x 768)
White light output (brightness)	2700 ANSI Lumens (Bright Mode)/1800 ANSI Lumens (Normal Mode)
Colour light output (colour brightness)	2700 ANSI Lumens (Bright Mode)/1800 ANSI Lumens (Normal Mode)
Contrast ratio	2000:1
Lens	Manual focus, Manual zoom x 1.2
Lamp wattage	215W UHP
Lamp life	5000 hours (Bright Mode)/6000 hours (Normal Mode)*
Diagonal display size	30~300" (76~762cm)
Number of colours	8 Bit/colour, 16.7M colours
Keystone	6:1 upward shift, fixed
Focus distance	0.8m~9.0m (Wide), 1.0m~10.8m (Tele)
Distance to width ratio	1.5 (Wide), 1.8 (Tele)

COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"
Composite/S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component Video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 1125p(1080p@50/60), 750p(720p@50/60)
HDMI Video	Signal: 525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
Plug & Play	DDC2B

FEATURES

Speakers	1W x 1 (mono)
Basic functions	Freeze, Magnifying, Blank, Auto signal search, Auto eco mode
Picture adjustments	Aspect selection (video, data, HDMI), Equalizing digital gamma correction, Equalizing colour temperature adjustment, 2-3 pull down for NTSC, Mirror reverse image, Up-side down image, Progressive scan, Noise reduction, Overscan
Digital keystone correction	Vertical ±30° (XGA@60Hz)
Advanced features	MyScreen, My Memory, My Button, My Text, My Source, Picture mode (normal, cinema, dynamic, blackboard, whiteboard greenboard, photo), Input source naming (English), Resolution setting, Filter timer, Template, Closed Caption (for NTSC & component 480i only), Framelock, Eco Mode (normal, eco, intelligent eco, saver), ImageCare™
Outward	Easy lamp replace from top, Easy access air filter
Power on & off	Direct on, Auto off
Security systems	Security bar, PIN-lock, MyScreen password, Key lock (key pad and remote control), Kensington slot, My Text password
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese

CONNECTIONS

Digital input	1 x HDMI (HDCP compatible)
Computer input	1 x 15-pin Mini D-sub (shared with analogue component video input)
	1 x 15-pin Mini D-sub (shared with analogue component video input and Monitor Out)
Monitor output	1 x 15-pin Mini D-sub (shared with analogue computer In 2 and analogue component video input)
Video input	1 x 15-pin Mini D-sub (shared with analogue computer In 1 and analogue computer In 2)
	1 x RCA for composite
Audio input	1 x pair RCA (L/R)
Audio output	1 x pair RCA (L/R)
Control	1 x 9-pin D-sub for RS-232C control

POWER

Power supply	100-120V/220-240V, auto switching
Power Consumption/Standby	300W/<0.5W (AC 220-240V)

PHYSICAL

Dimensions (W x H x D)	320 x 85 x 245mm (excluding feet and extrusions)
Weight	2.9Kg
Noise level	29dB (Normal Mode)/37dB (Bright Mode)
Air filter	Urethane (Up to 2000 hours)

MISCELLANEOUS

Indicator lights (lamp, temp, power), Ceiling mount image, Rear projection image, Serial number label on side, MAC PC support

CERTIFICATION

UL60950-1/cUL, FCC Part 15 subpart B class B, CE Marking: EN61000-3-2, EN61000-3-3, EN55022, EN55024 (EMC Directive), EN60950-1 (Low voltage directive), WEEE, RoHS, ErP (lot6) compliant, c-tick class B

ACCESSORIES SUPPLIED

Remote control with batteries (HL02881), Computer cable, Power cord, User manual (detail & concise)

OPTIONAL ACCESSORIES

Replacement lamp	DT01433

WARRANTY

Projector/Lamp	3 Years/3 Years**

*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **Where a lamp fails within warranty and a replacement lamp is taken, the warranty for the replacement lamp will be a maximum of 3 years (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. The specification above and photography is for reference only and may be subject to change.