CP-EX251N

HITACHI
Inspire the Next

Technical Specifications

COMPUTER IN 1
COMPUTER IN 2 / MONITOR OUT
HDMI
USB TYPE B

LAN AUDIO IN 1&2 AUDIO OUT CONTROL
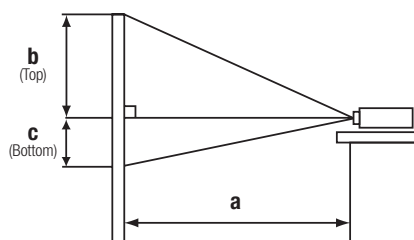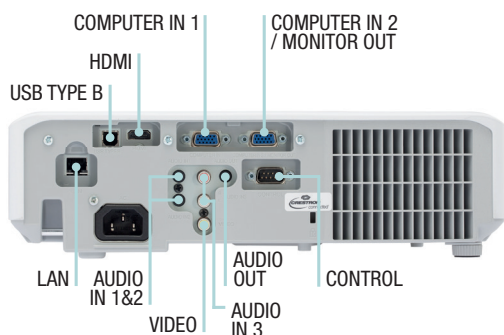VIDEO AUDIO IN 3

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
CRESTRON
ImageCare
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
LAN
AMX DEVICE DISCOVERY

OPTICAL

LCD panel	0.63" (1.6cm) P-Si TFT x 3
Resolution	XGA (1024 x 768)
White light output (brightness)	2700 ANSI Lumens (Normal Mode) / 2214 ANSI Lumens (ECO1 Mode) / 1809 ANSI Lumens (ECO2 Mode)
Colour light output (colour brightness)	2700 ANSI Lumens (Normal Mode) / 2214 ANSI Lumens (ECO1 Mode) / 1809 ANSI Lumens (ECO2 Mode)
Contrast ratio	2000:1
Lens	Manual focus, manual zoom x 1.2
Lamp wattage	225W
Lamp life	5000 hours (Normal Mode) / 8000 hours (Eco Mode 1) / 10,000 hours (Eco Mode 2)
Diagonal display size	30" ~ 300" (76cm ~ 762cm)
Number of colours	16.7 million
Keystone	6:1 upward shift, fixed
Focus distance	0.9 ~ 9.1m (Wide), 1.0~10.9m (Tele)
Distance to screen width ratio	1.5 (Wide), 1.8 (Tele)

COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"
Composite / S-video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
HDMI video	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)
Plug & play	DDC2B

FEATURES

Speakers	16W x 1 (mono)
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°
Advanced features	MyScreen, My Memory, My Button (by remote control), My Text, My Source, picture modes (normal, cinema, dynamic, blackboard, whiteboard, greenboard, daytime, photo), source naming (English), resolution setting, filter timer, stand-by audio, template, Closed Caption (for NTSC & component 480i only), framelock, Eco Mode (Normal, Eco 1 & 2), ImageCare™, easy schedule setting
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
Network	AMX Device Discovery, command control via the network, configuring and controlling the projector via a web browser, controlling the projector via scheduling, Crestron RoomView®, failure and warning alerts via email, Network Bridge, PJLink™
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	2 x 15-pin Mini D-sub
Monitor output	1 x 15-pin Mini D-sub
Video input	1 x RCA for composite
Audio input	3.5mm stereo mini connector x 2, 1 x pair RCA (L/R)
Audio output	3.5mm stereo mini connector x 1
Control	1 x 9-pin D-sub for RS-232C control
USB	1 x USB Type B (for mouse control)
Network	1 x RJ-45

POWER

Power supply	AC 100V-120V / AC 220V-240V (50/60 Hz)
Power consumption / standby	0.5W at saving mode

PHYSICAL

Dimensions (W x H x D)	320 x 85 x 245mm (excluding feet and extrusions)
Weight	3.1Kg
Noise level	37dB (Normal Mode) /32dB(Eco1) /29dB(Eco2)
Air filter	Unwoven

CERTIFICATION

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

ACCESSORIES SUPPLIED

Remote control with batteries (HL03031), computer cable, power cord, security label, user manual (CD & book)

OPTIONAL ACCESSORIES

Replacement lamp	DT01481

Warranty

Projector / lamp	3 Years / 6 Months** (for education and extended warranties please contact your local dealer.)

*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 6 months (dependent on warranty hours stated). HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.

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