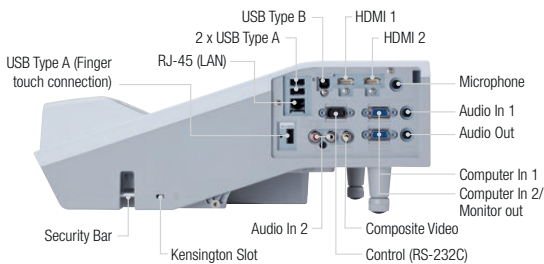
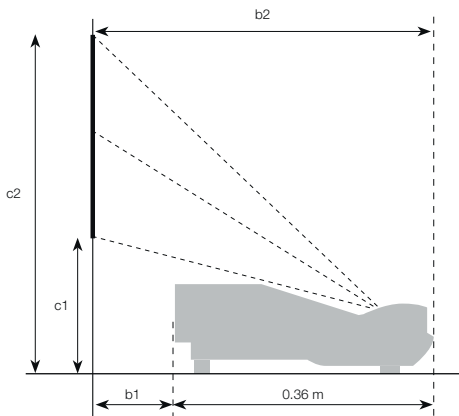


## Technical Specifications



FT-01 Finger touch unit



Screen size (diagonal)	Projection distance (m)		Screen height (m)	
	b1	b2	c1	c2
60" (1.5m)	0.126	0.486	0.312	1.107
70" (1.8m)	0.197	0.557	0.351	1.305
80" (2.0m)	0.268	0.628	0.390	1.450
90" (2.3m)	0.339	0.699	0.429	1.648
100" (2.5m)	0.410	0.770	0.467	1.792



\*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). \*\*\*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.

OPTICAL	
LCD panel	0.59" aspect ratio 16:10
Resolution	WXGA (1280 x 800)
Brightness	CP-TW2505: 2700 Lumens (Normal) / 2214 Lumens (Eco1) / 1809 Lumens (Eco2) CP-TW3005: 3300 Lumens (Normal) / 2706 Lumens (Eco1) / 2244 Lumens (Eco2)
Colour light output (colour brightness)	CP-TW2505: 2700 Lumens (Normal) / 2214 Lumens (Eco1) / 1809 Lumens (Eco2) CP-TW3005: 3300 Lumens (Normal) / 2706 Lumens (Eco1) / 2244 Lumens (Eco2)
Contrast ratio	10,000:1
Lens	Powered focus, digital zoom x1.35
Lamp wattage	CP-TW2505: 225W / CP-TW3005: 250W
Lamp life*	CP-TW2505: 5000 hours (Normal) / 8000 hours (Eco1) / 10000 hours (Eco2) CP-TW3005: 4000 hours (Normal) / 5000 hours (Eco1) / 6000 hours (Eco2)
Diagonal display size	60-100" (152-254cm)
Keystone correction	Fixed 4.6:-1 upward shift
Distance to width ratio (:1)	0.3
Number of colours	16.7M colours

COMPATIBILITY	
Computer native	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed) MAC16"
Composite / S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, PAL (60Hz), NTSC4.43
Component video / HDMI video	525i(480i), 525(480p), 626i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)

FEATURES	
Speaker	16W
Image	Picture modes (DICOM simulation, photo), HDCR (High Dynamic Contrast Range), accentualizer technology, image optimizer
Audio	Standby audio, audio pass through
Network	Projector Control, Screen Transfer, New Network Setting OST, Infrastructure Mode (Wireless LAN), Adhoc Mode (Wireless LAN), PjLink™, e-Mail (SMTP), Schedule (SNTP), SNMP Management (SNMP), My Image, Messenger, Campus notification system, Network bridge, AMX Device Discovery, Crestron™ RoomView®, Projector web control
Security systems	Password / My Screen Password, PIN lock, Key lock
Installation	Keystone vertical / horizontal, Perfect Fit (corner fit), Perfect Fit memory
Eco	ECO-1, ECO-2, intelligent ECO, saver
Optional accessories support	MS-1 / MS-1WL control
Other	Auto altitude mode, altitude (up to 10,000ft), cloning function

INTERACTIVE PROJECTOR FEATURES	
Interactive projector features	Sensor type: IR camera, Pen type: IR pen
Calibration	Auto calibration, Storage location of calibration information on projector, Up to 6 pen/touch finger write (option), Multi display IWB, PC less interactive, Windows 8 multi touch operation with up to 6 pen/touch (option)

SOFTWARE	
PC software	LiveViewer for Win (ver.6.21), LiveViewer for Mac (ver. 1.02.1024), Projector Management Application (ver.7.18), Projector Control Application (ver.4.13), Projector Image Tool (ver.3.2), Projector Messenger Tool (ver.1.5)
Interactive software	I-Pro interactive software, Hitachi StarBoard™ software
Smart Device Apps	Projector Quick Connection (for iOS & Android)

CONNECTIONS	
Digital input	2 x HDMI
Computer input	2 x 15-pin Mini D-sub
Monitor output	1 x 15-pin Mini D-sub
Video input	1 x RCA composite
Audio input	1 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone
Audio output	1 x stereo mini jack
USB	3 x type A (PC-less presentation, wireless adapter and FT-01 Finger Touch connection) 1 x type B (USB display or USB mouse control)
Control	1 x 9-pin D-sub for RS-232C control
Wired network	1 x RJ-45
Wireless LAN	Optional wireless adapter required

POWER	
Power supply	AC 100-120V / AC 220-240V, auto switching
Power consumption / standby	CP-TW2505: 330W / <0.35W CP-TW3005: 360W / <0.35W

PHYSICAL	
Dimensions (W x H x D)	377 x 136 x 360mm (excluding feet and extrusions)
Weight	<4.5kg
Noise level*	CP-TW2505: 34dB (Normal) / 32dB (Eco1) / 28dB (Eco2) CP-TW3005: 36dB (Normal) / 32dB (Eco1) / 29dB (Eco2)
Operating temperature	0-40°C
Filter*	Hybrid (up to 4000 hours)

CERTIFICATION	
UL/CUL, FCC Part15 class B, AS/NZS CISPR22 class B, CE, RoHS, GOST-R	

ACCESSORIES SUPPLIED	
Remote control with batteries (HL03033), RGB cable, Power cord, Cable cover, Interactive pen x 2, Wireless adapter cover, Manual CD, Application CD, Hitachi StarBoard™ software DVD, User manual (concise), Wall mount HAS-WM03 / HAS-WM05	

OPTIONAL ACCESSORIES	
Remote control	HL03033
Replacement lamp	CP-TW2505: DT01511 / CP-TW3005: DT01411
Finger touch unit	FT-01
Wall mount	HAS-WM03 / HAS-WM05
USB wireless adaptor	USB-WL-11N
Table top mount	TT-03
Wall mount adaptor (WXGA)	HAS-WB02
Interactive pen	I-PEN4

WARRANTY	
Projector / lamp	CP-TW2505: 3 Years / 3 Years** CP-TW3005: 3 Years / 6 Months***