



Screen size (diagonal)	16:10			
	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

### OPTICAL

LCD Panel	0.59" (1.5cm) P-Si TFT x 3
Resolution	WXGA (1280 x 800)
Brightness	CP-TW2503: 2700 Lumens (Normal Mode)/1800 Lumens (Eco Mode) CP-TW3003: 3300 Lumens (Normal Mode)/2200 Lumens (Eco Mode)
Contrast ratio	5000:1
Lens	Powered focus, Digital zoom x 1.35
Lamp wattage	250W
Lamp life	4000 hours (Normal Mode)/6000 hours (Eco Mode)
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	8 Bit/colour, 16.7M colours

### COMPATIBILITY

Computer native	WXGA
Composite/S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, PAL (60Hz), NTSC4.43
Component Video/HDMI Video	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz

### FEATURES

Speaker 16W	
Image	Picture modes (DICOM simulation, photo), HDCR (High Dynamic Contrast Range), Accentualizer technology
Audio	Standby Audio, Audio pass through
Network	Projector Control, Screen Transfer, New Network Setting OST, Infrastructure Mode (Wireless LAN), Adhoc Mode (Wireless LAN), e-Mail (SMTP), Schedule (SNTP), SNMP Management (SNMP)
PJLink	My Image, Messenger, Campus notification system, Network bridge, AMX Device Discovery, CrestronRoomView, 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	Saver mode, Intelligent eco mode, ImageCafé Filter cleaning cycle (4000 hours)
Optional accessories support	MS-1/MS-1WL control
Other	Auto altitude mode, Altitude (up to 10,000ft), Cloning function

### INTERACTIVE PROJECTOR FEATURES

Interactive system	Sensor type: IR camera, Pen type: IR pen
Calibration	Auto calibration, Storage location of calibration information on projector, Up to 4 pens, Multi display IWB, PC less interactive, Windows 8 multi touch operation with up to 4 pens

### 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	2 x type A (PC-less presentation or wireless adapter) 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	100-120V/220-240V, auto switching
Power Consumption/Standby	350W/<0.35W (AC 220-240V)

### PHYSICAL

Dimensions (W x H x D)	377 x 136 x 360mm (excluding feet and extrusions)
Weight	<4.5kg
Noise level	30dB (Eco Mode)/37dB (Normal Mode)
Operating temperature	0~40°C
Filter	Hybrid (up to 4000 hours)

### CERTIFICATION

UL/cUL, FCC Part15 class B, AS/NSZ 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)

### OPTIONAL ACCESSORIES

Remote control	R020F
Replacement lamp	DT01411
USB wireless adapter	USB-WL-11N
Table top mount	TT-03
Ceiling mount	HAS-WB01, HAS-WB02
Interactive pen	I-PEN3

