CP-WU8451 / CP-WU8461

HITACHI
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Technical Specifications

USB TYPE B   2 X HDMI
USB TYPE A
STATUS MONITOR   HD BASE T

REMOTE CONTROL
IN / OUT   VIDEO   MONITOR OUT   COMPUTER IN

498 mm
80 mm
396 mm
135 mm

USB wireless adapter
(optional)

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
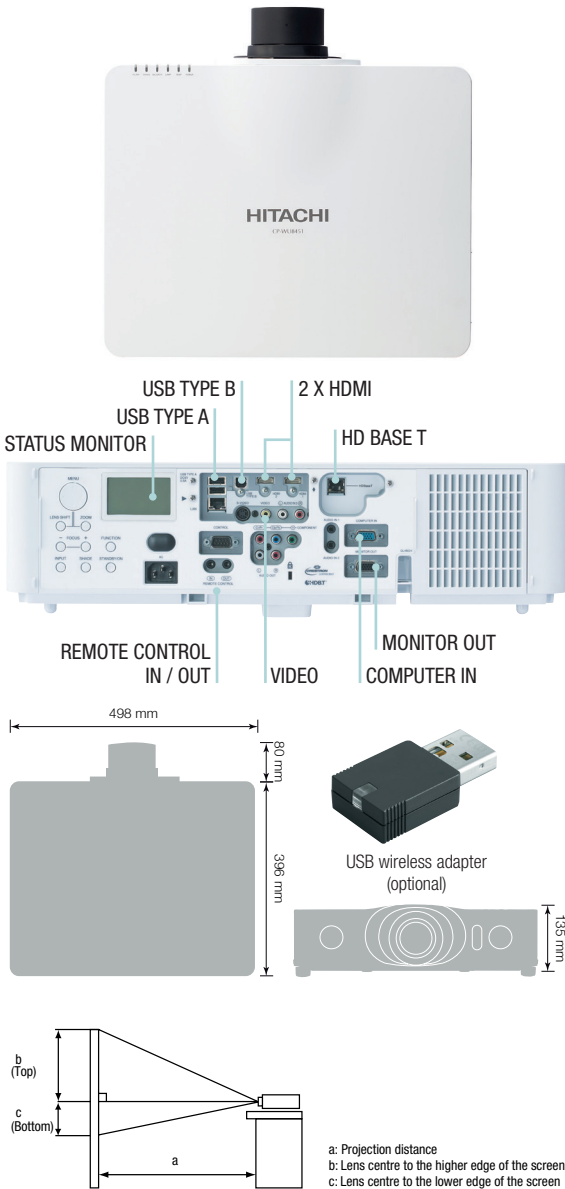
Lens Specifications

Image Size 16:10 - Standard Lens: ML-703				
Screen size (diagonal)	Projection distance (a)		Screen height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
0.8m	1.0	1.9	45	-4
1.0m	1.3	2.6	60	-6
1.3m	1.6	3.2	75	-7
1.5m	1.9	3.8	90	-9
1.8m	2.3	4.5	105	-10
2.0m	2.6	5.1	120	-12
2.3m	2.9	5.8	135	-13
2.5m	3.2	6.4	150	-15
3.8m	4.8	9.6	224	-22
5.1m	6.4	12.8	299	-30
6.4m	8.0	16.0	374	-37
7.6m	9.6	19.1	449	-45
12.7m	16.1	31.9	748	-75
15.2m	19.3	38.3	897	-90

OPTICAL

LCD panel	0.76" (1.9cm) P-Si TFT x 3
Resolution	WUXGA (1920 x 1200)
White light output (brightness)	CP-WU8451: 5000 ANSI Lumens (Normal Mode) / 4000 ANSI Lumens (Eco Mode) CP-WU8461: 6000 ANSI Lumens (Normal Mode) / 4800 ANSI Lumens (Eco Mode)
Colour light output (colour brightness)	CP-WU8451: 5000 ANSI Lumens (Normal Mode) / 4000 ANSI Lumens (Eco Mode) CP-WU8461: 6000 ANSI Lumens (Normal Mode) / 4800 ANSI Lumens (Eco Mode)
Contrast ratio	5,000:1
Lens	Powered focus, Powered zoom x 2.0
Lamp wattage	CP-WU8451: 330W CP-WU8461: 365W
Lamp life*	CP-WU8451: 2500 hours (Normal Mode) / 3000 hours (Eco Mode)* CP-WU8461: 2000 hours (Normal Mode) / 2500 hours (Eco Mode)*
Focus distance	1.0~19.3m (Wide) / 1.9~38.3m (Tele)
Distance to width ratio	1.5 (Wide), 3.0 (Tele)
Diagonal display size	30~600" (76~1,524cm)
Keystone Correction	Vertical 10:0 shift, Normal at + 14.6°~7.4° projection angle
Lens shift	Vertical 10:-1~1:1, Horizontal 6:4~4:6 at Vertical 1:1
Number of colours	16.7M colours

COMPATIBILITY

Computer compatibility	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC16"
Composite / S-Video	NTSC, PAL , SECAM, PAL-M, PAL-N, NTSC4.43
Component Video / HDMI	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)

FEATURES

Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Auto signal search
Picture adjustments	Aspect selection (CP-WU8461 only), Equalising digital gamma correction, 2-3 Pull Down for NTSC, Progressive scan, Noise reduction, Mirror Reverse Image, Up-side Down Image, Equalising colour temperature adjustment, Frame lock, Perfect Fit
Digital keystone	Auto Vertical Keystone correction ±35°, Horizontal Keystone correction ±15°
Advanced features	Audio pass through, Audio ports assign, Auto Eco Mode, Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, Overscan, PC-less presentation, Picture modes (normal, cinema, dynamic, blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant stack, 360° vertical tilt, Active iris, Eco mode (Normal, Eco), Mechanical shade, Picture by Picture / Picture in Picture, Remote ID, Status monitor, Accentualizer technology, iOS Connectivity, HDCR
Outward	Easy lamp replace from side, Easy filter replace from side
Power on & off	Direct power on, Auto power off
Security systems	PIN Security Lock, MyScreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (keypad, remote control), Lens Lock, Kensington slot, Security bar
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® (not accessible through the wireless adaptor), Displaying text data with audio alarm transferred via network, Failure and warning alerts via email, My Image (still image transfer) Display, Network Bridge, Network Presentation (PC still / moving picture transfer), PJLink™, Projector management via SNMP
OSD languages	33
Speakers	2 x 8W (stereo)

CONNECTIONS

Digital input	2 x HDMI (HDCP Compliant) HDBase T
Computer input	1 x 15-pin D-sub
Monitor output	1 x 15-pin D-sub
Video input	1 x S-Video, 1 x RCA Composite Video, 3 x RCA Component Video, 1 x 15-pin Mini D-sub (shared with Computer in 1)
Audio input	2 x Stereo Mini Jack, 2 x RCA Jack (L/R)
Computer input	2 x Stereo Mini Jack, 2 x RCA Jack (L/R)
Audio output	2 x RCA Jack (L/R)
Control	1 x 9-pin D-sub for RS232 control
USB	2 x USB type A, 1 x USB type B
HDBase T	1 x RJ45
Wired network	1 x RJ-45 (10BASE-T / 100BASE-TX)
Wireless network	IEEE 802.11b/g/n (Optional USB wireless adaptor is required)

POWER

Power supply	CP-WU8451 : AC220 - 240V / 2.5A CP-WU8461 : AC220 -240V / 2.8A
Power Consumption / Standby	CP-WU8451 : Normal (200V) 480W / Standby 0.35W CP-WU8461 : Normal (200V) 520W / Standby 0.35W

PHYSICAL

Dimensions (W x H x D)	498 x 135 x 396mm excluding feet and extrusions
Weight	9.2kg (with standard lens)
Noise level	CP-WU8451 : 37dB (Normal) / 31dB (Eco) CP-WU8461 : 39dB (Normal) / 33dB (Eco)
Air filter*	Hybrid (Up to 20,000 hours)

ACCESSORIES SUPPLIED

Remote control with batteries (HL02801), RGB cable, power cord, lens cover, security label, user manual (detail & concise), Network & Wireless software (CD-ROM), Application CD, Adaptor cover

OPTIONAL ACCESSORIES

Replacement lamp	CP-WU8451: DT01291 CP-WU8461: DT01471
Filter set	CP-WU8451: UX38241 CP-WU8461: UX38242
USB wireless adaptor	USB-WL-11N
Solution products	TB-1 wireless interactive tablet, IM-1P interactive camera unit, MS-1WL wireless multi-functional switcher, MS-1 multi-functional switcher
Optional lenses	FL-701 - Motorized (focus only) - Fixed lens, Zoom x 1 SL-702 - Motorized - Short Throw Lens, Zoom x 1.5 LL -704 - Motorized - Long throw lens, Zoom x 1.7 UL-705 - Motorized - Ultra long throw lens, Zoom x 1.7

WARRANTY

Projector / Lamp	3 Years / 6 Months** (For education and extended warranties please contact your local dealer)