

# CP-WUX645N

INNOVATE  
The Future of Projection



## WUXGA INSTALLATION LCD PROJECTOR

Ideal for medium to large venues, Hitachi's CP-WUX645N projector boasts a high definition WUXGA (1920 X 1200) resolution and 10 bit image processing. Superb image quality coupled with advanced networking capabilities and simple user functionality makes the CP-WUX645N the ideal solution for business and events.

### Performance

- WUXGA resolution (1920 x 1200)
- 16:10 Aspect ratio for ultimate laptop compatibility
- 4200 ANSI Lumens (Normal mode)
- Full connectivity including HDMI
- Perfect Fit – adjust four corners of the image individually
- Auto vertical keystone
- Input Source Naming
- My Button
- 4W x 2 speakers
- Manual lens shift
- Anti Theft features including:
  - PIN-Lock
  - MyScreen Lock
  - Transition Detector

### Cost of ownership

- Extended Hybrid Filter life – 2000 hour cleaning cycle
- Virtually maintenance free
- Easy setup and installation

### Advanced Network Features

- Full connectivity including 1 x RJ-45
- Configure and control projector via network with a web browser
- Projector management via SNMP
- PJ Link™
- Network Bridge

### Environment

- The extended Hybrid Filter life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint

*Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.*

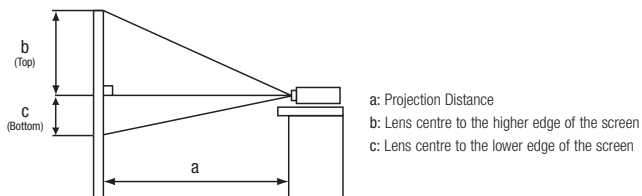
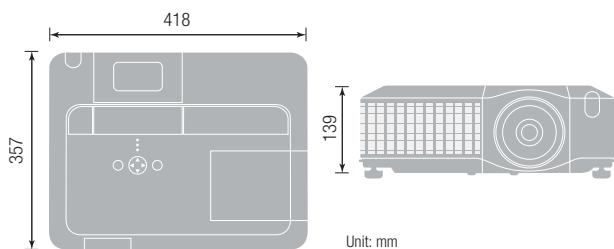
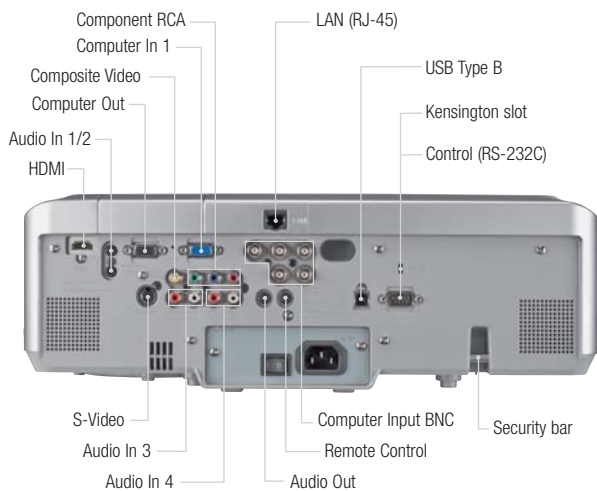
*Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.*



[www.hitachidigitalmedia.com](http://www.hitachidigitalmedia.com)

**HITACHI**  
Inspire the Next

# CP-WUX645N Technical specifications



Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
40" (1.0)	1.4	2.8	62	-1
60" (1.5)	2.1	4.3	93	-2
100" (2.5)	3.6	7.2	156	-3
150" (3.8)	5.4	10.8	233	-5
200" (5.1)	7.2	14.4	311	-6
300" (7.6)	10.8	21.6	467	-10

## OPTICAL

LCD Panel	0.76" P-Si TFT x3
Resolution	WUXGA (1920 x 1200)
Brightness	Normal Mode: 4200 ANSI Lumens Eco Mode: 3360 ANSI Lumens
Colour Light Output	4200 Lumens
Contrast Ratio	1000:1
Lens	Manual Focus, Manual Zoom x 2
Lamp	275W UHB
Projection Distance	0.9-22.3m
Lamp Life	2000 (Normal)/3000 (Eco)
Distance to Width Ratio (:1)	1.5 (Wide), 2.9 (Tele)
Diagonal Display Size	30-350" (60"@1.9m, wide) 76-889cm (152cm@1.9m, wide)
Number of Colour	10 Bit/colour, 1074M colours
Keystone	Vertical 10:0 ~ 1:1, Horizontal 6:4 ~ 4:6 at Vertical 1:1 (Standard Lens)

## COMPATIBILITY

Computer Compatibility	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, UXGA, WSXGA+, WUXGA (reduced timing only), MAC 16"
Video Compatibility	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43 SDTV: 576i@50Hz, 480p@60Hz, 480i@60Hz HDTV: 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Plug & Play	DDC2B
Frequency Range fH (kHz)/fV (Hz)	31.5-106/56-120

## FEATURES

Speakers	4.0 W x 2
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP&DOWN (for USB mouse function)
Picture adjustments	Perfect Fit (4 corners), Picture by Picture, Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction
Digital keystone	Auto V keystone ± 30 degrees (@WUXGA 60Hz)
Advanced features	MyScreen, My Memory, Blank/My Button, My Text, My Source, blackboard/whiteboard mode, Daytime Mode, Input Source Naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through
Outward	Easy lamp replace from top, Air filter slides towards front side or top
Power on & off	Quick On, Direct On, Auto Off
Security systems	Security bar, PIN-Lock, MyScreen Password, Keypad-Lock, Kensington slot, Transition detector, My Text Lock, Security label
Network	Configure and control projector via web browser, receive alerts via e-mail, projector management via SNMP, Scheduling, My Image, Command Control via network, PJ Link™, Network Bridge
OSD Languages	MENU : 17 Languages

## CONNECTIONS

Computer Input	1 x 15-pin Mini D-sub 1 x HDMI 1 x BNC
Computer Output	1 x 15-pin Mini D-sub
Video Input	1 x RCA Jack (for composite) 1 x S-Video Jack Mini-DIN 4-pin 3 x RCA Jack (for component)
Audio Input	2 x Stereo Mini Jack 2 x pair RCA (L/R) (selectable on OSD)
Audio Output	1 x Stereo Mini Jack
Control and Mouse	1 x 9-pin D-sub for RS232 control 1 x USB type B for mouse control
Wired network	1 x RJ-45

## POWER

Power Supply	100-120V/220-240V, auto switching
Power Consumption	460W

## PHYSICAL

Dimensions (W x H x D)	418 x 139 x 357mms (excluding feet and extrusions)
Weight	7.2Kg/15.8lbs
Noise Level	35dB (Normal)/29dB (Eco)
Air Filter	Hybrid

## MISCELLANEOUS

Lamp indicator light, Power light, Ceiling Mount image, Rear Projection Image

## CERTIFICATION

UL 60950-1/C-UL, FCC Part 15 subpart B Class A, EN61000-3-2, EN61000-3-3, EN55022, EN55024, EN60950-1, WEEE, RoHS, C-TICK, GÖST-R

## ACCESSORIES SUPPLIED

Remote control with batteries, RGB cable, power cord, lens cap, security label, user manual (detail & concise)

## OPTIONAL ACCESSORIES

Replacement Lamp	DT00873
------------------	---------



HITACHI DIGITAL MEDIA, Hitachi Europe Ltd, Whitebrook Park, Lower Cookham Road, Maidenhead, Berkshire SL6 8YA UNITED KINGDOM  
Tel: +44 (0)1628 585 000 Fax: +44 (0)1628 585 500 www.hitachidigitalmedia.com

The specification above and photography is for reference only and may be subject to change. The 'HD Ready' logo is a trademark of EICTA. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.