Specifications

Model name		LP-WU6500
Display system		1-chip DLP®
Display device	Size of effective display area	0.67" DLP®chip × 1, aspect ratio 16 : 10
	Number of pixels	2,304,000 pixels (1,920 horizontal × 1,200 vertical)
Lens	Zoom	Manual (1.65×)
	Focus	Manual
	Lens shift	Manual (V : +63 ~ +75%, H : ±2.5%)
Light source		Laser diode
Screen size		36.7 - 201.9 inch
Light output (Brightness)		5,000 lm*1
Contrast ratio (full white / full black)		30,000 : 1*1
Speaker		5W × 2 (stereo)
Displayable scanning frequency	Horizontal	15 ~ 91 kHz
	Vertical	24 ~ 85 Hz
Terminals	HDBaseT	RJ-45 jack × 1
	HDMI IN	HDMI connector × 3 *HDMI IN 3 supports MHL input.
	COMPUTER IN	Mini D-sub 15-pin connector × 1
	MONITOR OUT	Mini D-sub 15-pin connector × 1
	VIDEO IN	RCA connector × 1
	3D SYNC OUT	VESA 3-pin connector × 1
	AUDIO IN	3.5mm mini connector × 1, RCA connector (L, R) × 1
	AUDIO OUT	RCA connector (L, R) × 1
	CONTROL IN (RS-232C)	D-sub 9-pin connector × 1
	LAN (RJ45)	RJ-45 connector × 1
	USB POWER	USB type A × 1 (5V / 1.5A output)
	SERVICE	USB mini type B × 1
Operating temperature		0 - 40°C*2
Power requirements		AC 100 - 240V (50 / 60Hz), 5A
Power consumption		500W
Standby mode power consumption		Less than 0.5 W (Low Power Mode On)
Standard outside dimension (W × H × D)		360mm × 164mm × 442mm
Weight		Approx. 11.4kg
Accessories		Remote control with batteries, Power cord, Computer cable, 3D sync cable, User's Manual (Book, CD)
Optional parts		HAS-L5000 (Bracket for fixing mount) HAS-104S (Slim adapter for fixing mount) HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount)

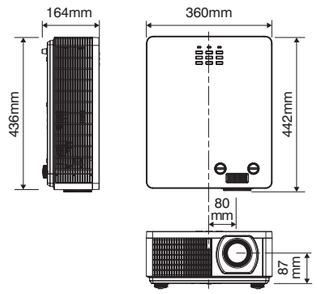
*1 : Laser Mode is set to Normal. *2 : The brightness of light source may be reduced automatically over 35°C at altitude from 0 to 1,520 m (0 to 5,000 ft), over 25°C at altitude from 1,520 to 3,050 m (5,000 to 10,000 ft.) *3 : LAN and RS-232C are inactive in a standby state.

Environment

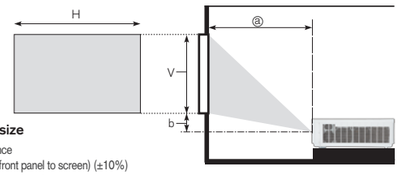
- **Compliance with EU Directive RoHS*1**
- **Power saving mode (Low Power Mode On) engaged during standby**
- **Laser mode** Laser mode provides power saving.
- **No use of mercury lamp**

***1**
RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

Dimensions



Projection Distance

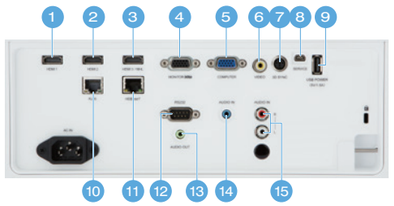


H x V : Screen size
ⓐ: Projection distance
(from the projector's front panel to screen) (±10%)
*This figure is not drawn to scale.

1,920×1,200 (Aspect ratio 16:10)

Screen Type	Screen size				Projection distance ⓐ				Screen height : b			
	H		V		Min.		Max.		Min.		Max.	
In.	m	Inch.	m	Inch.	m	Inch.	m	Inch.	m	Inch.	m	Inch.
60	1.3	51	0.8	32	1.5	59	2.4	96	0.11	4	0.20	8
80	1.7	68	1.1	42	2.0	78	3.3	129	0.14	6	0.27	11
100	2.2	85	1.3	53	2.5	98	4.1	161	0.18	7	0.34	13
120	2.6	102	1.6	64	3.0	117	4.9	193	0.21	8	0.40	16
150	3.2	127	2.0	79	3.7	146	6.1	241	0.26	10	0.50	20
200	4.3	170	2.7	106	5.0	195	8.2	322	0.35	14	0.67	26

Terminals



1.HDMI 1 2.HDMI 2 3.HDMI 3 / MHL 4.MONITOR OUT 5.CONPUTER IN 6.VIDEO
7.3D SYNC 8.SERVICE 9.USB POWER 10.RJ45 11.HDBaseT 12.RS-232C 13.AUDIO OUT
14.AUDIO IN 15.AUDIO IN (L/R)

—**Design and specifications are subject to change without notice.**

• The projected images and comparison photos in this catalog are simulations. • Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction. • Optical components (light source, DLP® chip, etc.) and cooling fans have limited service lives. They must be repaired or replaced if they are used for a long period of time. • During use and immediately after use, do not touch anywhere near the vents as these parts are extremely hot.

• This projector is a CLASS 1 LASER PRODUCT (IEC/EN 60825-1:2014).
(CLASS 3R LASER PRODUCT (IEC/EN 60825-1:2007) for the U.S.A. and Canada)

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 450-460 nm Max. Pulse energy: 0,698 mJ,
Pulse duration: 1,34 ms IEC/EN 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 450-460nm
Énergie D'impulsion Max. : 0,698 mJ,
Durée de L'impulsion : 1,34 ms IEC/EN 60825-1:2007

LASERSTRAHLUNG
DIREKTE EXPOSITION DER AUGEN VERMEIDEN
LASERPRODUKT DER KLASSE 3R
Wellenlänge : 450-460 nm Max. Pulsenergie: 0,698 mJ,
Pulsdauer: 1,34 ms IEC/EN 60825-1:2007

雷射輻射
避免眼睛受到直接照射
3R雷射產品
波長 : 450~460nm
最大脈衝能量:0.698 mJ
脈衝持續時間:1.34 ms IEC/EN 60825-1:2007

HITACHI

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Hitachi Consumer Marketing,Inc. http://www.hitachi.co.jp/proj/

October 2017

NM-E501 102017

LASER Projector

HITACHI
Inspire the Next

Equipped with a long-life laser light source.
The projector is capable of long continuous projection.

LP-WU6500

*Projected images are simulations.

With a stable projection performance and high installability, the laser projector is suitable for various purposes.

LP-WU6500

WUXGA | 5,000 lm

LASER Light Source

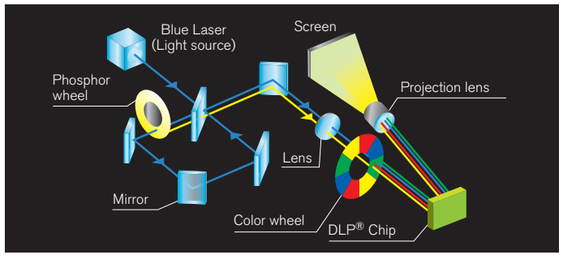
HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE | HDBT™ | MHL

High Reliability and Stability

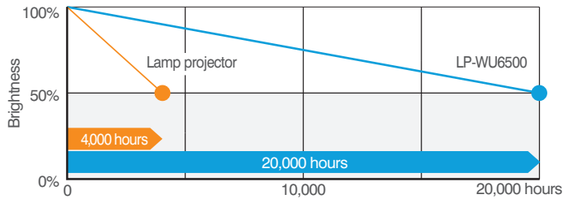
Long life 20,000 hours*1 Laser light source

Light source combined Blue laser diodes and Phosphor can achieve 5,000 lumens. The projection image is bright, clear and vivid color. Since lamp exchange is unnecessary, maintenance cost is reduced. Furthermore, you do not need to worry about lamp life, and it is fit for digital signage purposes that require long hours of continuous projection. Because the product does not use mercury lamps, it is eco-friendly.
With an approximate light source life of 20,000 hours, the LASER projector series is suitable for venues such as museums, restaurants and digital signage.

*1 For laser light source. Not a guaranteed value.



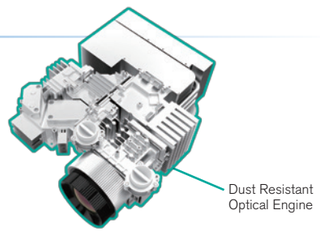
Brightness Deterioration Comparison between Hitachi projectors.



This graph is for illustrative purposes only. Compared with a 4,000-hour lamp projector.

Dust Resistant Optical Engine with Heat Pipe Cooling System

Reduces the invasion of dust and other particles in the air that decreases the brightness when they get attached to the optical parts. Reduces the decrease in brightness due to dust, resulting in a long lasting bright, clear, and vivid colored picture. Eliminates the intake filter and filter maintenance.
Achieved efficient cooling by adopting a heat pipe cooling system for the laser module. Contributes to the module's reliability due to its capabilities in reducing thermal stress.

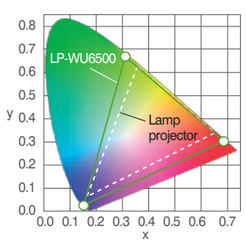


High Image Quality

Wide range of Color Reproduction

The color reproduction range is wide compared to lamp light projectors and projects brilliantly colored images.

Color Space Comparison between Hitachi projectors



DICOM® Simulation Mode

This mode is suitable for viewing grayscale medical images, such as X-rays, for training and educational purposes.

Normal Mode

DICOM® Simulation Mode

This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

*Comparison photos are simulations.

Flexible Installation

360° Projection

This projector provides great installation flexibility as it can be installed at various angle. By rotating the projector 90 degrees, you can project vertically long images (Portrait Projection).*2

*2 The life of optical parts may shorten if the projector is installed at PORTRAIT projection situation.

Portrait projection

Laser Power Level Control

Power of laser light source is controllable by every 1% step*3.
It allows the brightness of projection image fits in the luminance environment and can save the power consumption.
This feature helps you to adjust the similar brightness of projectors in such the side-by-side projection.

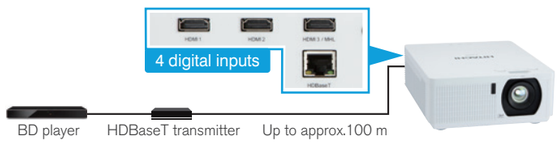
*3 The adjustment range is 25~100% at Custom Light mode.

Tunes brightness of image according to surrounding environment

Matches brightness of images projected side by side

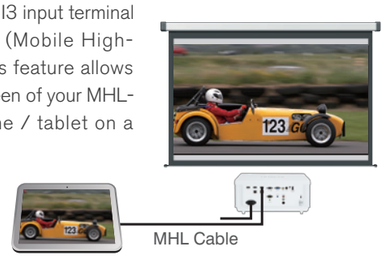
Digital Connectivity

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using standard LAN cables (Cat5e or higher, shielded type) of up to approx.100 m. This projector provides 4 digital inputs: HDBaseT, HDMI1/2/3.



MHL® connectivity

The projector's HDMI3 input terminal supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone / tablet on a projected screen.

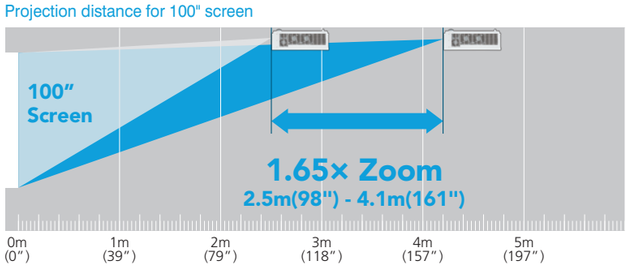


1.65× Zoom Lens, Lens Shift

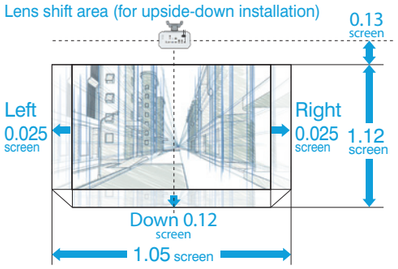
Featuring a powerful 1.65× manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.

*The figures are not drawn to scale.

Projection distance for 100" screen



Lens shift area (for upside-down installation)



Other Features · Color management · Remote Control with ID function · Closed Caption · Built-in Speaker · Horizontal / Vertical Keystone Correction · Digital Zoom · Direct Power On/Off · Sleep Timer · Auto Power Off · Security Lock · Keypad Lock · Web Browser Control

*Projected images are simulations.