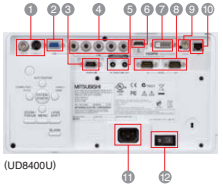
New



(UD8400U)

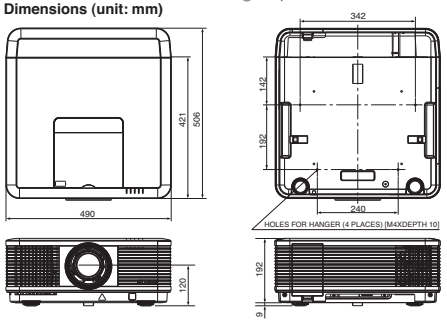
Connection Terminals

1. S-Video/Video
2. PC/Component video input-1
3. Remote-1
4. PC/Component video input-2
5. Remote-2 (I/O)
6. HDMI
7. DVI-D
8. Serial RS-232C (I/O)
9. 3G-SDI (UD8400U only)
10. LAN (RJ-45)
11. Power in (3-pin with earth terminal)
12. Main power switch O:Off I:On

UD8400U / UD8400LU (non lens) / UD8400BL (black)
UD8350U / UD8350LU (non lens) / UD8350BL (black)
WD8200U / WD8200LU (non lens) / WD8200BL (black)
XD8100U / XD8100LU (non lens) / XD8100BL (black)

(LU non lens versions / BL black chassis versions - available upon request)

Dimensions (unit: mm)



* The lens focal point is the default set at the time of shipment from the factory.

Specifications

Model	UD8400U / UD8400LU	UD8350U / UD8350UL	WD8200U / WD8200LU	XD8100U / XD8100LU
Display technology	0.67″ 1-Chip DMD	0.67″ 1-Chip DMD	0.65″ 1-Chip DMD	0.7″ 1-Chip DMD
Resolution	1920 × 1200 (Total 2,304,000 pixels)	1920 X 1200 (Total 2,304,000 pixels)	1280 × 800 (Total 1,024,000 pixels)	1024 × 768 (Total 786,432 pixels)
Brightness	Dual lamp: 6500 lm Single lamp: 3250 lm	Dual lamp: 6500 lm Single lamp: 3250 lm	Dual lamp: 6500 lm Single lamp: 3250 lm	Dual lamp: 7000 lm Single lamp: 3500 lm
Contrast ratio	2000 : 1 (on/off)			
Projection lens	f = 24.5-33.1mm, F = 2.0-2.4			
Zoom / focus	Powered focus / zoom (zoom ratio 1.35 : 1)			
Picture size	40″-300″			
Source lamp	Lamp mode / hour: Dual (330W x2) Normal 2,000 hours; Low 4,000 hours; Single (330W x1) Normal 4,000 hours; Low 8,000 hours	Lamp mode / hour: Dual (330W x2) Normal 2,000 hours; Low 4,000 hours; Single (330W x1) Normal 4,000 hours; Low 8,000 hours	Lamp mode / hour: Dual (330W x2) Normal 2,000 hours; Low 4,000 hours; Single (330W x1) Normal 4,000 hours; Low 8,000 hours	Lamp mode / hour: Dual (330W x2) Normal 2,000 hours; Low 4,000 hours; Single (330W x1) Normal 4,000 hours; Low 8,000 hours
Computer compatibility	Resolution: 640 × 400 - 1920 × 1200 True: 1920 × 1200, Sync-on-Green available	Resolution: 640 × 400 - 1920 × 1200 True: 1920 × 1200 Sync-on-Green available	Resolution: 640 × 400 - 1920 × 1200 True: 1280 × 800, Sync-on-Green available	Resolution: 640 × 400 - 1920 × 1200 True: 1024 × 768, Sync-on-Green available
Video compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz) SCART (RGB + 1V sync, only mini D-sub 15-pin Terminal)			
Input terminals	PC: 5 BNC × 1, mini D-sub 15-pin × 1, DVI-D (with HDCP) × 1 Video: BNC × 1, S-Video (4-pin) × 1, HDMI (Ver 1.3, Deep Color) × 1 3G-SDI × 1 (UD8400U only)			
Communication terminals	LAN (RJ-45): × 1 (projector control), SERIAL (in): D-sub 9-pin (male) × 1 (direct command is available.), SERIAL (out): D-sub 9-pin (male) × 1 (direct command is available.) Wired remote (in): × 1 (ϕ3.5mm stereo mini jack), Wired remote (out): × 1 (ϕ3.5mm stereo mini jack), Remote: D-sub 9-pin (female) × 1			
Dimensions (W×H×D)	490 × 201 × 421mm / 19.3 × 7.9 × 16.6 inch (exclude detachable terminal cover and protrusion)			
Weight	16.0kg / 35.3 lbs (exclude detachable terminal cover)			
Power supply	AC 100 - 240 V, 50/60 Hz			

eco Changes **for a greener tomorrow**

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

MITSUBISHI ELECTRIC EUROPE B.V.

New publication, effective January 2011. Specifications subject to change without notice.

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Brighter display solutions

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MITSUBISHI ELECTRIC
Changes for the Better

for a greener tomorrow eco Changes

UD8400U WUXGA
UD8350U WUXGA
WD8200U WXGA
XD8100U XGA

Dual Lamp

The Pinnacle of Digital Projectors
Image quality, functionality & reliability

- Dual lamp installation projectors
- 2000:1 contrast ratio
- 6500 ANSI (WD8200U / UD8400U / UD8350U)
  7000 ANSI (XD8100U)
- Edge blending & Colour matching

PICTURE BY DLP TEXAS INSTRUMENTS

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE

Brighter display solutions

Brilliant support for various presentation venues

including business, education and entertainment

UD8400U / UD8400LU (non lens) / UD8400BL (black)
UD8350U / UD8350LU (non lens) / UD8350BL (black)
WD8200U / WD8200LU (non lens) / WD8200BL (black)
XD8100U / XD8100LU (non lens) / XD8100BL (black)

Imagine a long presentation or seminar in a large, bright room like a hall or auditorium. The impact of that presentation will depend on the performance of the projector you use. To ensure that nothing goes wrong, these projectors are equipped with digital light processing (DLP™) technology that reproduces high-definition images in high contrast and with superior brightness. Built for durability and easy installation and maintenance, they last and last with minimal upkeep. Both models are equipped with dual lamps, allowing the continuous projection of images for long periods of time together with greatly increased reliability. For installation models, our aim was to ensure the advanced level of performance essential for such units.

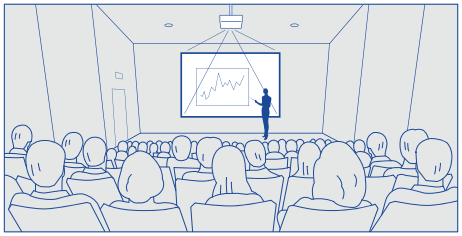
High Brightness

Powerful Large Screen Images in Well Lit Halls and Auditoriums

7000lm High Brightness*

The XD8100U, delivers super bright 7000 lumen* images. A high brightness level for presenting in large meeting rooms and conference halls.

*WD8200U / UD8350U / UD8400U 6500 lumens.

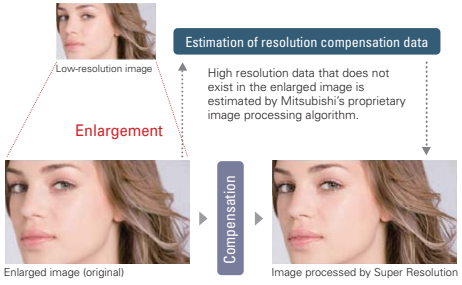


High Image Quality

Original Technologies Reproduce Strikingly Sharp Images

Super Resolution

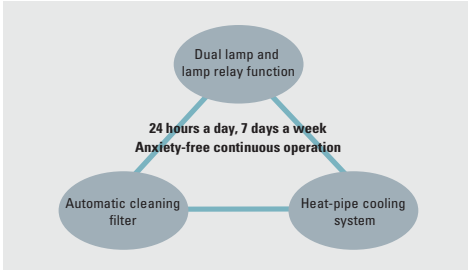
This innovative advanced image processing algorithm is a product of Mitsubishi Electric. The technology analyses blurred components of the original images, estimates the high-resolution data not provided in the original signal and corrects the image quality. The result is the clear projection of images such as people's faces in fine detail.



High Reliability

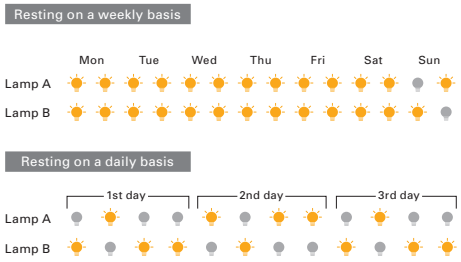
Durable and Reliable - Continuous 24/7* Use Capability

The dual lamp system and lamp relay function enable continuous operation with no risk of the image loss. Dust resistance and cooling performance are greatly enhanced by the automated self-cleaning filter and heat-pipe cooling system technologies that have proven so successful in air conditioners, enabling extended continuous use for monitoring and digital signage applications.



Various Lamp Relay Options

Continuous, bright projection is ensured through the utilisation of a dual-lamp light source and a variety of setting options. When two lamps are in use, one of the lamps can be rested (turned off) once a day or week. Additionally, if one of the lamps goes out, an automatic back-up function activates the other lamp, enabling nonstop projection.



Automatic Self-Cleaning Filter

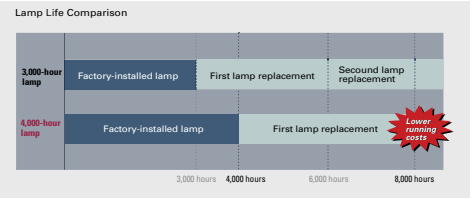
For the 8000 series, we've utilised the same mechanism (mesh filter and cleaning brush) that has a proven track record in Mitsubishi Electric air conditioners and air purifiers. It automatically prevents dust from building up in the radiator of the heat-pipe cooling unit for the digital micromirror device (DMD), thereby ensuring trouble-free use for extended periods of time.

Heat-pipe Cooling System

Compared to liquid-cooling systems, the heat-pipe cooling system has a simpler structure and does not require a power supply, enabling cost reductions and a compact design. Not only is it highly reliable, other benefits include exceptional energy savings, quiet operation and elimination of concerns regarding liquid leaking.

Long 4000hrs Lamp Life

Designed with a lamp temperature controlling system, the XD8100U and WD8200U can support an estimated lamp rating of up to 4000 hours. The long estimated lamp life makes dramatic reductions in overall cost of ownership by decreasing the frequency of lamp replacements.



Lamp life specification is an estimated period based on verification under proper operating conditions and is not related to the duration of the warranty. The lamp will turn-off automatically when usage has reached the specified maximum lamp hours. Service life may vary widely depending on usage and operating environment conditions, as well as adherence to the maintenance and cleaning procedures provided in the User Manual.

* The regular Terms of Guarantee for Mitsubishi Projectors apply on the above mentioned models

for video conferencing

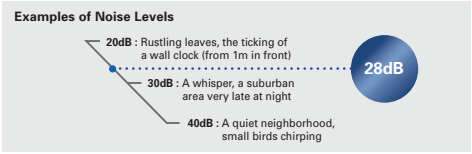
for digital signage

for auditoriums, boardrooms and conference centres

Fully featured, versatile and easy to operate

Ultra Quiet 28dBA Operation

Fan noise during projector operation can be distracting during a presentation or videoconference. The 8000 series projectors operate at a significantly low noise level of only 28dBA (i.e., using a single lamp in "low lamp" mode). As a result, presentations and conferences can be held without the annoyance of a projector fan.



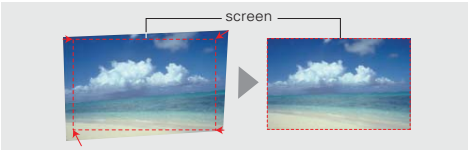
Geometric Correction

Keystone Correction

Trapezoidal distortion caused when the projector is not positioned directly in front of the screen is corrected in both vertical and horizontal directions.

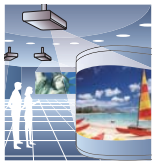
Cornerstone Correction

Pixel conversion is used to correct trapezoidal and diagonal distortion that causes oblique images, ensuring the proper aspect ratio.



Curved Surface Projection Correction

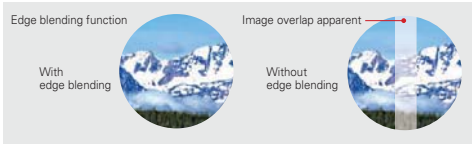
These projectors are equipped with a function for correcting distortion that occurs when projecting images onto curved surfaces. This advanced feature is practical for unique applications such as projecting images onto pillars at special event sites.

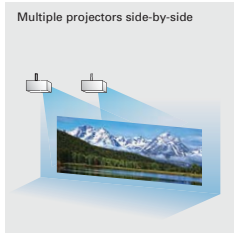


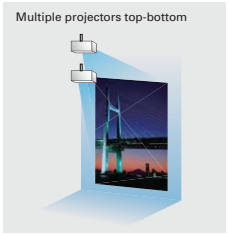
Edge Blending and Colour Matching

Edge Blending

Edge blending creates a seamless image by adjusting the brightness at adjoining edges when using multiple projectors side-by-side to reproduce single widescreen images. This feature can also be utilised for top-bottom projection or a combination of side-by-side and top-bottom images; for example, when images are projected from four projectors in a two-by-two arrangement.

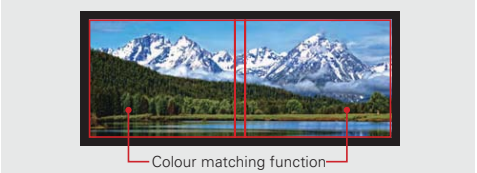






Colour matching

The colour matching function corrects variations in the colour reproduced by each projector when multiple projectors are used simultaneously. This colour homogenization enables the integrated display of images.



Interchangeable Colour Wheels

Optional

Choose between two colour wheels, one accentuating colour and the other emphasizing brightness, depending on the type of images to be projected. This interchangeability enables a more appropriate expression of the images being reproduced.

360° Projection

Images can be projected over a full 360° range along the vertical axis* including reproduction on the ceiling or floor. The application possibilities are limitless.

*Excluding use in high-altitude mode.

Network Connectivity

Projectors are equipped with an RJ-45 LAN terminal for remote operation. Additionally, when used with Crestron® software, integrated control of up to 250 projectors including power on/off control, message display and confirmation of lamp service hours is possible using RoomView™/ e-Control™. Each projector is equipped with AMX Device Discovery for simplified device management and compatible with PJLink™.

*The trademark of PJLink is trademark applied for registration or registered trademark in Japan, the United States, and other countries and areas.

Multiple Terminals

Many different interfaces are possible thanks to a variety of terminals including 3G-SDI (UD8400U only), DVI-D (HDCP), HDMI and 5BNC. A control terminal (compatible with RS-232C) is also provided for easier system integration.

(UD8400U)

ID-compatible Remote Control

ID settings for up to 63 projectors are possible. Setting the IDs allows control of each individual projector when multiple projectors are installed.

Power Zoom/Focus and Lens Shift

The zoom/focus and lens shift adjustment are powered by an electric motor, ensuring easy operation.

Stand-by Mode under 0.3W*

Stand-by (low) mode power consumption is less than 0.3W, offering increased energy savings and further contributing to environmental preservation.

*When in stand-by (low) mode. At this time, use of the LAN function, RS-232C output and Remote 1 is not possible.

Mechanical Shutter

An internal shutter in the projector enables light to be completely blocked when the projector is in Mute mode.

Side Access Lamp

Lamp replacements can be done through the side of the projector for easy lamp replacements.

- Test pattern
- High-altitude mode (2,000-2,700m)
- Closed caption support
- Motorized lens shift
- Mechanical shutter
- Lamp side replacement

UD8350U / UD8350LU / UD8400U / UD8400LU

Standard lens (Aspect 16:10)

Image (WUXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	55	1.4	76	1.9	0	0	10←0→4	26←0→10	3←0→3	8←0→8
60	152	51	129	32	81	83	2.1	115	2.9	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	112	2.8	154	3.9	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	141	3.6	193	4.9	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	213	5.4	291	7.4	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	285	7.2	389	9.9	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	356	9.1	-	-	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	428	10.9	-	-	0	0	77←0→29	197←0→75	25←0→25	62←0→62

OL-XD2000SZ (Aspect 16:10)

Image (WUXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	42	1.1	59	1.5	0	0	10←0→4	26←0→10	3←0→3	8←0→8
60	152	51	129	32	81	65	1.6	90	2.3	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	87	2.2	121	3.1	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	110	2.8	152	3.9	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	167	4.2	229	5.8	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	224	5.7	307	7.8	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	281	7.1	-	-	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	338	8.6	-	-	0	0	77←0→29	197←0→75	25←0→25	62←0→62

OL-XD2000LZ (Aspect 16:10)

Image (WUXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	-	-	89	2.3	0	0	10←0→4	26←0→10	3←0→3	8←0→8
60	152	51	129	32	81	107	2.7	137	3.5	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	146	3.7	185	4.7	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	184	4.7	233	5.9	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	279	7.1	353	9.0	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	374	9.5	473	12.0	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	470	11.9	592	15.0	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	565	14.4	712	18.1	0	0	77←0→29	197←0→75	25←0→25	62←0→62

OL-XD2000TZ (Aspect 16:10)

Image (WUXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	-	-	151	3.8	0	0	10←0→4	26←0→10	3←0→3	8←0→8
60	152	51	129	32	81	139	3.5	229	5.8	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	187	4.8	308	7.8	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	235	6.0	386	9.8	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	355	9.0	581	14.8	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	475	12.1	776	19.7	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	595	15.1	972	24.7	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	716	18.2	1167	29.6	0	0	77←0→29	197←0→75	25←0→25	62←0→62

OL-XD8000UZ (Aspect 16:10)

Image (WUXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
60	152	51	129	32	81	234	5.9	447	11.4	0	0	15←0→6	39←0→15	5←0→5	12←0→12
80	203	68	172	42	108	309	7.8	594	15.1	0	0	21←0→8	52←0→20	7←0→7	17←0→17
100	254	85	215	53	135	384	9.8	740	18.8	0	0	26←0→10	66←0→25	8←0→8	21←0→21
150	381	127	323	79	202	573	14.5	1107	28.1	0	0	39←0→15	98←0→37	12←0→12	31←0→31
200	508	170	431	106	269	761	19.3	1473	37.4	0	0	52←0→20	131←0→50	16←0→16	42←0→42
250	635	212	538	132	337	950	24.1	-	-	0	0	65←0→24	164←0→62	20←0→20	52←0→52
300	762	254	646	159	404	1138	28.9	-	-	0	0	77←0→29	197←0→75	25←0→25	62←0→62

OL-XD2000FR (Aspect 16:10)

Image (WXGA)						Distance from Screen		Default Height Projected Image (HO)	
Diagonal Size		Width		Height					
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	34	86	21	54	25	0.6	-11	-27
60	152	51	129	32	81	39	1.0	-16	-40
80	203	68	172	42	108	52	1.3	-21	-54
100	254	85	215	53	135	66	1.7	-26	-67
150	381	127	323	79	202	99	2.5	-40	-101

Standard Lens (Aspect 16:9)

Image (1080p)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	56	1.4	78	2.0	1	3	11←0→4	27←0→10	3←0→3	9←0→9
60	152	52	133	29	75	86	2.2	118	3.0	2	4	16←0→6	40←0→15	5←0→5	13←0→13
80	203	70	177	39	100	115	2.9	158	4.0	2	6	21←0→8	54←0→20	7←0→7	17←0→17
100	254	87	221	49	125	145	3.7	198	5.0	3	7	27←0→10	67←0→26	8←0→8	21←0→21
150	381	131	332	74	187	219	5.6	299	7.6	4	11	40←0→15	101←0→38	13←0→13	32←0→32
200	508	174	443	98	249	293	7.4	399	10.1	6	14	53←0→20	135←0→51	17←0→17	43←0→43
250	635	218	553	123	311	366	9.3	-	-	7	18	66←0→25	168←0→64	21←0→21	53←0→53

OL-XD2000SZ (Aspect 16:9)

Image (1080p)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	43	1.1	60	1.5	1	3	11←0→4	27←0→10	3←0→3	9←0→9
60	152	52	133	29	75	67	1.7	92	2.3	2	4	16←0→6	40←0→15	5←0→5	13←0→13
80	203	70	177	39	100	90	2.3	124	3.2	2	6	21←0→8	54←0→20	7←0→7	17←0→17
100	254	87	221	49	125	113	2.9	156	4.0	3	7	27←0→10	67←0→26	8←0→8	21←0→21
150	381	131	332	74	187	172	4.4	236	6.0	4	11	40←0→15	101←0→38	13←0→13	32←0→32
200	508	174	443	98	249	230	5.9	316	8.0	6	14	53←0→20	135←0→51	17←0→17	43←0→43
250	635	218	553	123	311	289	7.3	-	-	7	18	66←0→25	168←0→64	21←0→21	53←0→53

OL-XD2000LZ (Aspect 16:9)

Image (1080p)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	-	-	92	2.3	1	3	11←0→4	27←0→10	3←0→3	9←0→9
60	152	52	133	29	75	111	2.8	141	3.6	2	4	16←0→6	40←0→15	5←0→5	13←0→13
80	203	70	177	39	100	150	3.8	190	4.8	2	6	21←0→8	54←0→20	7←0→7	17←0→17
100	254	87	221	49	125	189	4.8	239	6.1	3	7	27←0→10	67←0→26	8←0→8	21←0→21
150	381	131	332	74	187	287	7.3	363	9.2	4	11	40←0→15	101←0→38	13←0→13	32←0→32
200	508	174	443	98	249	385	9.8	486	12.3	6	14	53←0→20	135←0→51	17←0→17	43←0→43
250	635	218	553	123	311	483	12.3	609	15.5	7	18	66←0→25	168←0→64	21←0→21	53←0→53

OL-XD2000TZ (Aspect 16:9)

Image (1080p)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	35	89	20	50	-	-	156	4.0	1	3	11←0→4	27←0→10	3←0→3	9←0→9
60	152	52	133	29	75	143	3.6	236	6.0	2	4	16←0→6	40←0→15	5←0→5	13←0→13
80	203	70	177	39	100	193	4.9	316	8.0	2	6	21←0→8	54←0→20	7←0→7	17←0→17
100	254	87	221	49	125	242	6.1	397	10.1	3	7	27←0→10	67←0→26	8←0→8	21←0→21
150	381	131	332	74	187	365	9.3	597	15.2	4	11	40←0→15	101←0→38	13←0→13	32←0→32
200	508	174	443	98	249	489	12.4	798	20.3	6	14	53←0→20	135←0→51	17←0→17	43←0→43
250	635	218	553	123	311	612	15.5	999	25.4	7	18	66←0→25	168←0→64	21←0→21	53←0→53

OL-XD8000UZ (Aspect 16:9)

Image (1080p)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
60	152	52	133	29	75	240	6.1	459	11.7	2	4	16←0→6	40←0→15	5←0→5	13←0→13
80	203	70	177	39	100	317	8.1	610	15.5	2	6	21←0→8	54←0→20	7←0→7	17←0→17
100	254	87	221	49	125	395	10.0	761	19.3	3	7	27←0→10	67←0→26	8←0→8	21←0→21
150	381	131	332	74	187	588	14.9	1137	28.9	4	11	40←0→15	101←0→38	13←0→13	32←0→32
200	508	174	443	98	249	782	19.9	1514	38.5	6	14	53←0→20	135←0→51	17←0→17	43←0→43
250	635	218	553	123	311	976	24.8	-	-	7	18	66←0→25	168←0→64	21←0→21	53←0→53

OL-XD2000FR (Aspect 16:9)

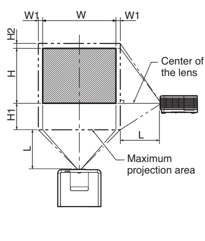
Image (XGA)						Distance from Screen		Default Height Projected Image (HO)	
Diagonal Size		Width		Height					
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	35	89	20	50	29	0.7	-10	-25
60	152	52	133	29	75	44	1.1	-15	-37
80	203	70	177	39	100	59	1.5	-20	-50
100	254	87	221	49	125	74	1.9	-25	-62
125	318	109	277	61	156	93	2.4	-31	-78

* The above figures are approximate and may be slightly different from the actual measurements.

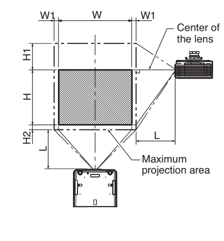
Screen Size and Projection Distance

Refer to the following table to determine the screen size and projection distance.

Front projection



Front projection, ceiling mounting



Optional Lenses

OL-XD2000SZ
Short-throw Zoom Lens

Converter Lens
(mounted on the standard lens)

OL-XD2000LZ
Long-throw Zoom Lens

Converter Lens
(mounted on the standard lens)

OL-XD2000TZ
Telescopic-throw Zoom Lens

OL-XD8000UZ
Ultra-telescopic-throw Zoom Lens

OL-XD2000FR
Rear-projection Short-throw Fixed Lens

WD8200U/WD8200LU

Standard Lens (Aspect 16:10)

Image (WXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	58	1.5	80	2.0	0	0	10←0→5	25←0→12	3←0→3	9←0→9
60	152	51	129	32	81	88	2.2	121	3.1	0	0	15←0→7	37←0→17	5←0→5	13←0→13
80	203	68	172	42	108	118	3.0	162	4.1	0	0	19←0→9	49←0→23	7←0→7	17←0→17
100	254	85	215	53	135	148	3.8	203	5.2	0	0	24←0→11	62←0→29	9←0→9	22←0→22
150	381	127	323	79	202	224	5.7	306	7.8	0	0	36←0→17	92←0→43	13←0→13	33←0→33
200	508	170	431	106	269	299	7.6	408	10.4	0	0	49←0→23	123←0→58	17←0→17	44←0→44
250	635	212	538	132	337	375	9.5	-	-	0	0	61←0→28	154←0→72	21←0→21	55←0→55
300	762	254	646	159	404	450	11.4	-	-	0	0	73←0→34	185←0→86	26←0→26	65←0→65

OL-XD2000SZ (Aspect 16:10)

Image (WXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	44	1.1	62	1.6	0	0	10←0→5	25←0→12	3←0→3	9←0→9
60	152	51	129	32	81	68	1.7	94	2.4	0	0	15←0→7	37←0→17	5←0→5	13←0→13
80	203	68	172	42	108	92	2.3	127	3.2	0	0	19←0→9	49←0→23	7←0→7	17←0→17
100	254	85	215	53	135	116	3.0	160	4.1	0	0	24←0→11	62←0→29	9←0→9	22←0→22
150	381	127	323	79	202	176	4.5	241	6.1	0	0	36←0→17	92←0→43	13←0→13	33←0→33
200	508	170	431	106	269	236	6.0	323	8.2	0	0	49←0→23	123←0→58	17←0→17	44←0→44
250	635	212	538	132	337	296	7.5	-	-	0	0	61←0→28	154←0→72	21←0→21	55←0→55
300	762	254	646	159	404	356	9.0	-	-	0	0	73←0→34	185←0→86	26←0→26	65←0→65

OL-XD2000LZ (Aspect 16:10)

Image (WXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	-	-	95	2.4	0	0	10←0→5	25←0→12	3←0→3	9←0→9
60	152	51	129	32	81	113	2.9	145	3.7	0	0	15←0→7	37←0→17	5←0→5	13←0→13
80	203	68	172	42	108	153	3.9	196	5.0	0	0	19←0→9	49←0→23	7←0→7	17←0→17
100	254	85	215	53	135	193	4.9	246	6.2	0	0	24←0→11	62←0→29	9←0→9	22←0→22
150	381	127	323	79	202	294	7.5	371	9.4	0	0	36←0→17	92←0→43	13←0→13	33←0→33
200	508	170	431	106	269	394	10.0	497	12.6	0	0	49←0→23	123←0→58	17←0→17	44←0→44
250	635	212	538	132	337	494	12.5	623	15.8	0	0	61←0→28	154←0→72	21←0→21	55←0→55
300	762	254	646	159	404	594	15.1	748	19.0	0	0	73←0→34	185←0→86	26←0→26	65←0→65

OL-XD2000TZ (Aspect 16:10)

Image (WXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	34	86	21	54	-	-	159	4.0	0	0	10←0→5	25←0→12	3←0→3	9←0→9
60	152	51	129	32	81	147	3.7	241	6.1	0	0	15←0→7	37←0→17	5←0→5	13←0→13
80	203	68	172	42	108	197	5.0	323	8.2	0	0	19←0→9	49←0→23	7←0→7	17←0→17
100	254	85	215	53	135	248	6.3	406	10.3	0	0	24←0→11	62←0→29	9←0→9	22←0→22
150	381	127	323	79	202	374	9.5	611	15.5	0	0	36←0→17	92←0→43	13←0→13	33←0→33
200	508	170	431	106	269	500	12.7	816	20.7	0	0	49←0→23	123←0→58	17←0→17	44←0→44
250	635	212	538	132	337	627	15.9	1021	25.9	0	0	61←0→28	154←0→72	21←0→21	55←0→55
300	762	254	646	159	404	753	19.1	1227	31.2	0	0	73←0→34	185←0→86	26←0→26	65←0→65

OL-XD8000UZ (Aspect 16:10)

Image (WXGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
60	152	51	129	32	81	245	6.2	469	11.9	0	0	15←0→7	37←0→17	5←0→5	13←0→13
80	203	68	172	42	108	324	8.2	623	15.8	0	0	19←0→9	49←0→23	7←0→7	17←0→17
100	254	85	215	53	135	403	10.2	777	19.7	0	0	24←0→11	62←0→29	9←0→9	22←0→22
150	381	127	323	79	202	601	15.3	1162	29.5	0	0	36←0→17	92←0→43	13←0→13	33←0→33
200	508	170	431	106	269	799	20.3	1547	39.3	0	0	49←0→23	123←0→58	17←0→17	44←0→44
250	635	212	538	132	337	997	25.3	-	-	0	0	61←0→28	154←0→72	21←0→21	55←0→55
300	762	254	646	159	404	1194	30.3	-	-	0	0	73←0→34	185←0→86	26←0→26	65←0→65

OL-XD2000FR (Aspect 16:10)

Image (WXGA)						Distance from Screen		Default Height Projected Image (HO)	
Diagonal Size		Width		Height					
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	34	86	21	54	27	0.7	-11	-27
60	152	51	129	32	81	41	1.0	-16	-40
80	203	68	172	42	108	55	1.4	-21	-54
100	254	85	215	53	135	69	1.8	-26	-67
150	381	127	323	79	202	104	2.6	-40	-101

XD8100U/XD8100LU

Standard Lens (Aspect 4:3)

Image (XGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	54	1.4	74	1.9	0	0	12←0→2	30←0→6	3←0→3	8←0→8
60	152	48	122	36	91	82	2.1	112	2.8	0	0	18←0→3	46←0→9	5←0→5	12←0→12
80	203	64	163	48	122	110	2.8	150	3.8	0	0	24←0→4	61←0→11	6←0→6	16←0→16
100	254	80	203	60	152	138	3.5	189	4.8	0	0	30←0→6	76←0→14	8←0→8	20←0→20
150	381	120	305	90	229	208	5.3	284	7.2	0	0	45←0→8	114←0→21	12←0→12	30←0→30
200	508	160	406	120	305	279	7.1	380	9.7	0	0	60←0→11	152←0→28	16←0→16	41←0→41
250	635	200	508	150	381	349	8.9	-	-	0	0	75←0→14	191←0→36	20←0→20	51←0→51
300	762	240	610	180	457	419	10.6	-	-	0	0	90←0→17	229←0→43	24←0→24	61←0→61

OL-XD2000SZ (Aspect 4:3)

Image (XGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	41	1.0	57	1.5	0	0	12←0→2	30←0→6	3←0→3	8←0→8
60	152	48	122	36	91	63	1.6	88	2.2	0	0	18←0→3	46←0→9	5←0→5	12←0→12
80	203	64	163	48	122	86	2.2	118	3.0	0	0	24←0→4	61←0→11	6←0→6	16←0→16
100	254	80	203	60	152	108	2.7	148	3.8	0	0	30←0→6	76←0→14	8←0→8	20←0→20
150	381	120	305	90	229	164	4.2	224	5.7	0	0	45←0→8	114←0→21	12←0→12	30←0→30
200	508	160	406	120	305	219	5.6	300	7.6	0	0	60←0→11	152←0→28	16←0→16	41←0→41
250	635	200	508	150	381	275	7.0	-	-	0	0	75←0→14	191←0→36	20←0→20	51←0→51
300	762	240	610	180	457	331	8.4	-	-	0	0	90←0→17	229←0→43	24←0→24	61←0→61

OL-XD2000LZ (Aspect 4:3)

Image (XGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	-	-	88	2.2	0	0	12←0→2	30←0→6	3←0→3	8←0→8
60	152	48	122	36	91	105	2.7	135	3.4	0	0	18←0→3	46←0→9	5←0→5	12←0→12
80	203	64	163	48	122	142	3.6	182	4.6	0	0	24←0→4	61←0→11	6←0→6	16←0→16
100	254	80	203	60	152	180	4.6	228	5.8	0	0	30←0→6	76←0→14	8←0→8	20←0→20
150	381	120	305	90	229	273	6.9	345	8.8	0	0	45←0→8	114←0→21	12←0→12	30←0→30
200	508	160	406	120	305	366	9.3	462	11.7	0	0	60←0→11	152←0→28	16←0→16	41←0→41
250	635	200	508	150	381	459	11.7	579	14.7	0	0	75←0→14	191←0→36	20←0→20	51←0→51
300	762	240	610	180	457	553	14.0	696	17.7	0	0	90←0→17	229←0→43	24←0→24	61←0→61

OL-XD2000TZ (Aspect 4:3)

Image (XGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
40	102	32	81	24	61	-	-	148	3.8	0	0	12←0→2	30←0→6	3←0→3	8←0→8
60	152	48	122	36	91	136	3.5	224	5.7	0	0	18←0→3	46←0→9	5←0→5	12←0→12
80	203	64	163	48	122	183	4.7	301	7.6	0	0	24←0→4	61←0→11	6←0→6	16←0→16
100	254	80	203	60	152	230	5.8	377	9.6	0	0	30←0→6	76←0→14	8←0→8	20←0→20
150	381	120	305	90	229	348	8.8	568	14.4	0	0	45←0→8	114←0→21	12←0→12	30←0→30
200	508	160	406	120	305	465	11.8	759	19.3	0	0	60←0→11	152←0→28	16←0→16	41←0→41
250	635	200	508	150	381	583	14.8	951	24.1	0	0	75←0→14	191←0→36	20←0→20	51←0→51
300	762	240	610	180	457	701	17.8	1142	29.0	0	0	90←0→17	229←0→43	24←0→24	61←0→61

OL-XD8000UZ (Aspect 4:3)

Image (XGA)						Distance from Screen				Default Height Projected Image (HO)		Movable V Position from Default Position		Movable H Position from Default Position	
Diagonal Size		Width		Height		Shortest (Wide)		Longest (Tele)				H1 ← 0 → H2		W1 ← 0 → W1	
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm	inch	cm	inch	cm
60	152	48	122	36	91	229	5.8	437	11.1	0	0	18←0→3	46←0→9	5←0→5	12←0→12
80	203	64	163	48	122	302	7.7	581	14.8	0	0	24←0→4	61←0→11	6←0→6	16←0→16
100	254	80	203	60	152	376	9.5	724	18.4	0	0	30←0→6	76←0→14	8←0→8	20←0→20
150	381	120	305	90	229	560	14.2	1082	27.5	0	0	45←0→8	114←0→21	12←0→12	30←0→30
200	508	160	406	120	305	744	18.9	1440	36.6	0	0	60←0→11	152←0→28	16←0→16	41←0→41
250	635	200	508	150	381	928	23.6	-	-	0	0	75←0→14	191←0→36	20←0→20	51←0→51
300	762	240	610	180	457	1113	28.3	-	-	0	0	90←0→17	229←0→43	24←0→24	61←0→61

OL-XD2000FR(Aspect 4:3)

Image (XGA)						Distance from Screen		Default Height Projected Image (HO)	
Diagonal Size		Width		Height					
inch	cm	inch	cm	inch	cm	inch	m	inch	m
40	102	32	81	24	61	25	0.6	-12	-30
60	152	48	122	36	91	38	1.0	-18	-46
80	203	64	163	48	122	51	1.3	-24	-61
100	254	80	203	60	152	64	1.6	-30	-76
150	381	120	305	90	229	97	2.5	-45	-114

* The above figures are approximate and may be slightly different from the actual measurements.