



Optoma projector range

Autumn 2018





The clear choice for projection

Whether displaying graphics and data in the office or at home watching live sports and movies, Optoma projectors produce a bright, well balanced and true to life colour reproduction. This is essential for reaching the optimum image quality of any big screen media, whether neatly encased in a compact and portable projector or as a permanently installed display device.

optoma.com

- | | |
|---|--|
|  Ultra short throw |  Ultra mobile LED |
|  Short throw |  Home |
|  Desktop / Install |  Document cameras |
|  Mobile |  Screens |
|  Ultra mobile |  Accessories |

Projectors

Ultra short throw

Model name	EH320USTi	EH320UST	EH319USTi
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible
Brightness¹	4000 ANSI lumens	4000 ANSI lumens	3500 ANSI lumens
Contrast	20,000:1	20,000:1	18,000:1
Lamp life (max hrs)³	6500	6500	6500
Noise level (typical)²	28dB	28dB	28dB
Weight (kg)	4.85	4.78	4.85
Dimensions (W x D x H mm)	385 x 310 x 120	385 x 310 x 120	385 x 310 x 120
Throw ratio	0.25:1	0.25:1	0.25:1
Zoom type	Fixed	Fixed	Fixed
Image size (native)	2.03 - 2.54m (80.0" - 100") diagonal 16:9	2.03 - 2.54m (80.0" - 100") diagonal 16:9	2.03 - 2.54m (80.0" - 100") diagonal 16:9
Keystone correction	±5° vertical	±5° vertical	±5° vertical
Offset	118%	118%	118%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A) RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)
Speaker (W)	16	16	16
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	100" @ 0.55m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive	100" @ 0.55m, Crestron RoomView™, PJLink™, Shadow free presentations	100" @ 0.55m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive
	   	  	   

Ultra short throw

EH330UST	W320USTi	W320UST	W319USTie
			
1080p (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
16:9 native, 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
3600 ANSI lumens	4000 ANSI lumens	4000 ANSI lumens	3500 ANSI lumens
20,000:1	20,000:1	20,000:1	18,000:1
15000	6500	6500	10,000
25dB	28dB	28dB	26dB
3.9	4.85	4.78	4.63
343 x 383 x 112	385 x 310 x 120	385 x 310 x 120	385 x 310 x 120
0.25:1	0.27:1	0.27:1	0.27:1
Fixed	Fixed	Fixed	Fixed
2.03 - 2.54m (80.0" - 100") diagonal 16:9	2.16 - 2.92m (85.0" - 115") diagonal 16:10	2.16 - 2.92m (85.0" - 115") diagonal 16:10	2.16 - 2.92m (85.0" - 115") diagonal 16:10
±4° vertical, ±4° horizontal	±15° vertical	±15° vertical	±15° vertical
118%	115%	115%	115%
-	-	-	-
2x HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, 2x USB-A reader/wireless, RJ45, RS232	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)
16	16	16	16
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	-	-	-
100" @ 0.55m, Crestron RoomView™, PJLink™, Optional wireless, HDCast Pro app support	100" @ 0.31m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive	100" @ 0.31m, Crestron RoomView™, PJLink™, Shadow free presentations	100" @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive
  	   	  	   

Projectors

Ultra short throw

Model name	W319USTire	W319USTi	W330UST
			
Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
Aspect ratio	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	3500 ANSI lumens	3300 ANSI lumens	3600 ANSI lumens
Contrast	18,000:1	18,000:1	20,000:1
Lamp life (max hrs)³	10,000	10,000	15000
Noise level (typical)²	26dB	26dB	25dB
Weight (kg)	4.63	4.63	3.9
Dimensions (W x D x H mm)	385 x 310 x 120	385 x 310 x 120	343 x 383 x 112
Throw ratio	0.27:1	0.27:1	0.27:1
Zoom type	Fixed	Fixed	Fixed
Image size (native)	2.16 - 2.92m (85.0" - 115") diagonal 16:10	2.16 - 2.92m (85.0" - 115") diagonal 16:10	2.16 - 2.92m (85.0" - 115") diagonal 16:10
Keystone correction	±15° vertical	±15° vertical	±4° vertical, ±4° horizontal
Offset	115%	115%	115%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, 2x USB-A reader/wireless, RJ45, RS232
Speaker (W)	16	16	16
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	100" @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations, IR Pen Interactive	100" @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive	100" @ 0.31m, Crestron RoomView™, PJLink™, Optional wireless, HDCast Pro app support
	  	   	  

Ultra short throw

X320USTi	X320UST	X330UST	EH460ST
			
XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	1080p (1920 x 1080)
4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:9 native, 4:3 compatible
4000 ANSI lumens	4000 ANSI lumens	3600 ANSI lumens	4200 ANSI lumens
20,000:1	20,000:1	20,000:1	20,000:1
6500	6500	15000	4500
28dB	28dB	25dB	29dB
4.85	4.78	3.9	2.95
385 x 310 x 120	385 x 310 x 120	343 x 383 x 112	345 x 216 x 109
0.33:1	0.33:1	0.33:1	0.5:1
Fixed	Fixed	Fixed	Fixed
1.77 - 2.54m (70.0" - 100") diagonal 4:3	1.77 - 2.54m (70.0" - 100") diagonal 4:3	1.77 - 2.54m (70.0" to 100") diagonal 4:3	1.51 - 3.88m (59.6" - 152.7") diagonal 16:9
±15° vertical	±15° vertical	±4° vertical, ±4° horizontal	±40° vertical
117%	117%	117%	115%
-	-	-	-
2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, VGA out (shared with VGA2 in), Audio out 3.5mm, USB-A power (2A), RJ45, RS232, 12V trigger, 3D-sync, mini USB (interactive)	2x HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, 2x USB-A reader/wireless, RJ45, RS232	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger
16	16	16	10
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	WHD200 / WUSB
-	-	-	-
100" @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations, TouchBeam Interactive	100" @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations	100" @ 0.31m, Crestron RoomView™, PJLink™, Shadow free presentations	Crestron RoomView™, PJLink™, HV keystone Office viewer, Optional wireless
  	 	 	  

Projectors

Short throw

Model name	EH415ST	EH200ST	W460ST
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	WXGA (1280 x 800)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	3500 ANSI lumens	3000 ANSI lumens	4200 ANSI lumens
Contrast	15,000:1	20,000:1	20,000:1
Lamp life (max hrs)³	7000	6500	4500
Noise level (typical)²	37dB	26dB	29dB
Weight (kg)	3.4	2.65	2.95
Dimensions (W x D x H mm)	286 x 266 x 124	315 x 224 x 114	345 x 216 x 109
Throw ratio	0.5:1	0.49:1	0.525:1
Zoom type	Fixed	Fixed	Fixed
Image size (native)	1.49 - 3.8m (59" - 152") diagonal 16:9	1.15 - 7.67m (45.3" - 300") diagonal 16:9	1.48 - 3.8m (58.4" - 149.5") diagonal 16:10
Keystone correction	±20° vertical	±40° vertical	±40° vertical
Offset	115%	112%	112%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support), 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in (RCA/3.5mm), VGA out, Audio out 3.5mm, USB-A power (1.5A), RJ45, RS232, 12V trigger, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, mini USB service	2x HDMI (1.4a 3D support) + MHL v2.0, VGA, (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger
Speaker (W)	10	10	10
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	WHD200 / WUSB
Bag	✓	✓	-
Features	Crestron RoomView™, PJLink™   	90° @ 1m   	HV keystone, Office viewer, Optional wireless   

Short throw

W316ST	W305ST	W303ST	X316ST
			
WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)
16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	4:3 native, 16:9 compatible
3600 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens	3400 ANSI lumens
20,000:1	18,000:1	18,000:1	20,000:1
8000	6000	6000	8000
28dB	29dB	29dB	28dB
2.76	2.55	2.55	2.76
315 x 224 x 102	288 x 220 x 86	288 x 220 x 86	315 x 224 x 102
0.524:1	0.524:1	0.524:1	0.524:1
Fixed	Fixed	Fixed	Fixed
1.09m - 5.62m (44.3" - 221.5") diagonal 16:10	1.13 - 5.67m (44.64" - 223.21") diagonal 16:10	1.13 - 5.67m (44.64" - 223.21") diagonal 16:10	1.51 - 2.69m (59.8" - 106.1") diagonal 4:3
±40° vertical	±40° vertical	±40° vertical	±40° vertical
112.4%	115%	115%	115%
-	-	-	-
HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/ Wireless), S-Video, Composite, 2x Audio in 3.5mm, Mic in (shared with Audio2 in), VGA out, Audio out 3.5mm, RJ45, RS232, mini USB mouse/service	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/ Wireless), S-Video, Composite, Audio in 3.5mm VGA out, Audio out 3.5mm, RS232, mini USB mouse/service	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/ Wireless), S-Video, Composite, Audio in 3.5mm VGA out, Audio out 3.5mm, RS232, mini USB mouse/service	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/ Wireless), S-Video, Composite, 2x Audio in 3.5mm, Mic in (shared with Audio2 in), VGA out, Audio out 3.5mm, RJ45, RS232, mini USB mouse/service
10	2	2	10
WHD200	WHD200	WHD200	WHD200
-	-	-	-
Crestron RoomView™, PJLink™   	60" @ 0.68m   	60" @ 0.68m   	Crestron RoomView™, PJLink™  

Projectors

	Short throw	Desktop / Install	
Model name	X305ST	WU470	WU416
			
Resolution	XGA (1024 x 768)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
Aspect ratio	4:3 native, 16:9 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	3000 ANSI lumens	5000 ANSI lumens	4200 ANSI lumens
Contrast	18,000:1	20,000:1	20,000:1
Lamp life (max hrs)³	6000	4500	7000
Noise level (typical)²	29dB	29dB	32dB
Weight (kg)	2.55	2.95	2.99
Dimensions (W x D x H mm)	288 x 220 x 86	345 x 216 x 109	315 x 224 x 114
Throw ratio	0.626:1	1.39 ~ 2.09:1	1.4 ~ 2.24:1
Zoom type	Fixed	1.5x manual	1.6x manual
Image size (native)	1.00 - 5.0m (39.34" - 196.71") diagonal 4:3	0.68 - 8.48m (26.6" - 334") diagonal 16:10	0.68 - 7.75m (26.94" - 305.1") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	115%	108%	94%
Lens shift	-	-	V +13%
Connections	HDMI (1.4a 3D support), 2x VGA (RGB/YpBPr/Wireless), S-Video, Composite, Audio in 3.5mm VGA out, Audio out 3.5mm, RS232, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger	2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A power (1A), RJ45, RS232, mini USB mouse/service
Speaker (W)	2	10	10
Optional wireless	WHD200	WHD200 / WUSB	HDCast Pro / WHD200
Bag	-	-	-
Features	60" @ 0.77m	Crestron RoomView™, PJLink™, HV keystone, Office viewer, Optional wireless	Crestron RoomView™, PJLink™
	 	  	  

Desktop / Install

DU400	EH470	EH461	EH416
			
WUXGA (1920 x 1200)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
16:10 native, 16:9 / 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible
4000 ANSI lumens	5000 ANSI lumens	5000 ANSI lumens	4200 ANSI lumens
15,000:1	20,000:1	20,000:1	20,000:1
7000	4500	4500	7000
32dB	29dB	29dB	32dB
2.99	2.95	2.95	2.99
315 x 224 x 114	345 x 216 x 109	345 x 216 x 109	315 x 224 x 114
1.4 ~ 2.24:1	1.39 ~ 2.09:1	1.22 ~ 1.46:1	1.4 ~ 2.24:1
1.6x manual	1.5x manual	1.2x manual	1.6x manual
0.68 - 7.75m (26.94" - 305.1") diagonal 16:10	0.66 - 8.25m (25.9" - 324.9") diagonal 16:9	0.96 - 5.3 (37.98" - 208.5") diagonal 16:9	0.66 - 7.7m (26.21" - 303.3") diagonal 16:9
±40° vertical	±40° vertical	±40° vertical	±40° vertical
94%	115%	115%	99%
V +13%	-	-	V +17%
2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A power (1A), RJ45, RS232, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger	2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A power (1A), RJ45, RS232, mini USB mouse/service
10	10	10	10
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	-	-	-
Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™, HV keystone, Office viewer, Optional wireless	Crestron RoomView™, PJLink™, HV keystone, Office viewer, Optional wireless	Crestron RoomView™, PJLink™
  	  	  	  

Projectors

Desktop / Install

Model name	DH401	EH400+	W461
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	WXGA (1280 x 800)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	4000 ANSI lumens	4000 ANSI lumens	5000 ANSI lumens
Contrast	15,000:1	22,000:1	20,000:1
Lamp life (max hrs)³	7000	8000	4500
Noise level (typical)²	32dB	29dB	29dB
Weight (kg)	2.99	2.52	2.95
Dimensions (W x D x H mm)	315 x 224 x 114	298 x 230 x 96.5	345 x 216 x 109
Throw ratio	1.4 ~ 2.24:1	1.13 - 1.47:1	1.28 ~ 1.54:1
Zoom type	1.6x manual	1.3x	1.2x manual
Image size (native)	0.66 - 7.7m (26.21" - 303.3") diagonal 16:9	0.58 - 6.4m (22.9" - 300") diagonal 16:9	0.94 - 5.21 (37.2" - 204.2") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	99%	115%	111%
Lens shift	V +17%	-	-
Connections	2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A power (1A), RJ45, RS232, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger
Speaker (W)	10	10	10
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJ Link™, HV keystone, Office viewer, Optional wireless
			

Desktop / Install

W416	W402	W400+	W355
			
WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
4500 ANSI lumens	4500 ANSI lumens	4000 ANSI lumens	3600 ANSI lumens
20,000:1	20,000:1	22,000:1	22,000:1
7000	7000	10,000	10,000
32dB	31dB	29dB	29dB
2.99	2.57	2.52	2.52
315 x 224 x 114	315 x 224 x 102	298 x 230 x 96.5	298 x 230 x 96.5
1.47 ~ 2.35:1	1.28 ~ 1.536:1	1.19 ~1.54:1	1.19 ~1.54:1
1.6x manual	1.2x manual	1.3x	1.3x
0.65 - 7.7m (25.66" - 303.2") diagonal 16:10	0.93 - 7.65m (36.6" - 301") diagonal 16:10	0.92 - 7.65m (36.1" - 301.1") diagonal 16:10	0.92 - 7.65m (36.1" - 301.1") diagonal 16:10
±40° vertical	±40° vertical	±40° vertical	±40° vertical
96.20%	112.4%	112.4%	112.4%
V + 16.2%	-	-	-
2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A power (1A), RJ45, RS232, mini USB mouse/service	HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, 3D-sync, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service
10	10	10	16
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	✓	-	-
Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJ Link™	Crestron RoomView™, PJ Link™
			

Projectors

Desktop / Install

Model name	W354	X600	X461
			
Resolution	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)
Aspect ratio	16:10 native, 16:9 / 4:3 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
Brightness¹	3400 ANSI lumens	6000 ANSI lumens	5000 ANSI lumens
Contrast	18,000:1	10,000:1	20,000:1
Lamp life (max hrs)³	4000	10,000	4500
Noise level (typical)²	29dB	28dB	29dB
Weight (kg)	2.52	3.6	2.95
Dimensions (W x D x H mm)	298 x 230 x 96.5	326 x 254 x 104	345 x 216 x 109
Throw ratio	1.19 ~ 1.54:1	1.8 ~ 2.11:1	1.6 ~ 1.92:1
Zoom type	1.3x	1.15x manual	1.2x manual
Image size (native)	0.92 - 7.65m (36.1" - 301.1") diagonal 16:10	0.71 - 8.34m (28.01" - 328.38") diagonal 4:3	0.65 - 7.81 (25.6" - 307.5") diagonal 4:3
Keystone correction	±40° vertical	± 30° vertical	±40° vertical
Offset	112.4%	114%	114%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service	2x HDMI, DisplayPort, 2x VGA (RGB/YPbPr), S-Video, Composite, 2x Audio in (RCA/3.5mm), Audio out 3.5mm, VGA out, RJ45, RS232, mini USB mouse/service, 12V trigger, 3D-sync	2x HDMI (1.4a 3D support) + MHL v2.0, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, USB-A reader, USB-A wireless, RJ45, RS232, 12V trigger
Speaker (W)	16	3	10
Optional wireless	HDCast Pro / WHD200	-	HDCast Pro / WHD200
Bag	-	✓	-
Features	Crestron RoomView™, PJ Link™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™, HV keystone, Office viewer, Optional wireless
			

Desktop / Install

X416	X402	X400+	X355
			
XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)
4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
4300 ANSI lumens	4200 ANSI lumens	4000 ANSI lumens	3500 ANSI lumens
20,000:1	20,000:1	22,000:1	22,000:1
7000	7000	10,000	10,000
32dB	31dB	29dB	29dB
2.99	2.57	2.52	2.52
315 x 224 x 114	315 x 224 x 102	298 x 230 x 96.5	298 x 230 x 96.5
1.39 ~ 1.9:1	1.6 ~ 1.92:1	1.49 ~ 1.93:1	1.49 ~ 1.93:1
1.36x manual	1.2x Manual	1.3x	1.3x
0.85 - 7.63m (33.62" - 300.7") diagonal 4:3	0.78 - 7.79m (30.8" - 307") diagonal 4:3	0.58 - 7.62m (22.9" - 300") Diagonal 4:3	0.78 - 7.65m (30.6" - 301.1") diagonal 4:3
±40° vertical	±40° vertical	±40° vertical	±40° vertical
98.10%	115%	115%	115%
V +16.9%	-	-	-
2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A power (1A), RJ45, RS232, mini USB mouse/service	HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm VGA out, Audio out 3.5mm, RJ45, RS232, 3D-sync, mini USB mouse/service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service
10	10	10	16
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	✓	-	-
Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™
			

Projectors

	Desktop / Install	Mobile	
Model name	X354	WUX337	WUX335
			
Resolution	XGA (1024 x 768)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
Aspect ratio	4:3 native, 16:9 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	3300 ANSI lumens	3600 ANSI lumens	3600 ANSI lumens
Contrast	18,000:1	20,000:1	20,000:1
Lamp life (max hrs)³	10,000	15,000	15,000
Noise level (typical)²	29dB	27dB	27dB
Weight (kg)	2.52	2.95	2.93
Dimensions (W x D x H mm)	298 x 230 x 96.5	316 x 244 x 108	316 x 244 x 108
Throw ratio	1.49 ~ 1.93:1	1.58 ~ 2.06:1	1.47 ~ 1.62:1
Zoom type	1.3x	1.3x	1.1x
Image size (native)	0.78 - 7.65m (30.6" - 301.1") diagonal 4:3	0.66 - 7.59m (27" - 299") diagonal 16:10	0.74 - 7.62m (29" - 300") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	115%	110%	110%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, RJ45, USB-A Power (1A)/mouse/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, USB-A Power (1.5A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, USB-A Power (1.5A)/service
Speaker (W)	16	10	10
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™
			

Mobile

WUX334	EH400	EH345	EH343
			
WUXGA (1920 x 1200)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
16:10 native, 16:9 / 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible
3600 ANSI lumens	4,000 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens
20,000:1	22,000:1	22,000:1	22,000:1
15,000	10,000	10,000	10,000
27dB	29dB	29dB	29dB
2.91	2.41	2.47	2.47
316 x 244 x 108	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
1.47 ~ 1.62:1	1.47 ~ 1.63:1	1.13 ~ 1.47:1	1.13 ~ 1.47:1
1.1x	1.1x	1.3x	1.3x
0.74 - 7.62m (29" - 300") diagonal 16:10	0.58 - 7.62m (22.9" - 300") diagonal 16:9	1.01 - 7.62m (39.92" - 299.81") diagonal 16:9	1.01 - 7.62m (39.92" - 299.81") diagonal 16:9
±40° vertical	±40° vertical	±40° vertical	±40° vertical
110%	115%	116%	116%
-	-	-	-
2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1.5A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/mouse/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/mouse/service
10	2	10	10
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	-	-	-
Crestron RoomView™, PJLink™			
			

Projectors

Mobile

Model name	EH337	EH335	EH334
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible
Brightness¹	3600 ANSI lumens	3600 ANSI lumens	3600 ANSI lumens
Contrast	20,000:1	20,000:1	20,000:1
Lamp life (max hrs)³	15,000	15,000	15,000
Noise level (typical)²	27dB	27dB	27dB
Weight (kg)	2.91	2.93	2.91
Dimensions (W x D x H mm)	316 x 244 x 108	316 x 244 x 108	316 x 244 x 108
Throw ratio	1.58 ~ 2.06:1	1.47 ~ 1.62:1	1.47 ~ 1.62:1
Zoom type	1.3x	1.1x	1.1x
Image size (native)	0.69 - 7.59m (27" - 299") diagonal 16:9	0.71 - 7.66m (28" - 301") diagonal 16:9	0.71 - 7.66m (28" - 301") diagonal 16:9
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	116%	116%	116%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1.5A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, USB-A Power (1.5A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1.5A)/service
Speaker (W)	10	10	10
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	Crestron RoomView™, PJLink™		
	  	  	  

Mobile

DH350	W400	W345	W344
			
1080p (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
16:9 native, 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
3200 ANSI lumens	4000 ANSI lumens	3300 ANSI lumens	3100 ANSI lumens
22,000:1	22,000:1	22,000:1	22,000:1
12,000	10,000	10,000	10,000
25dB	29dB	29dB	29dB
2.87	2.41	2.41	2.41
316 x 244 x 108	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
1.47 ~ 1.62:1	1.55 ~ 1.73:1	1.19 ~ 1.54:1	1.19 ~ 1.54:1
1.1x	1.1x	1.3x	1.3x
0.71 - 7.66m (28" - 301") diagonal 16:9	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.92 - 7.65m (36.1" - 301.1") diagonal 16:10	0.92 - 7.65m (36.1" - 301.1") diagonal 16:10
±40° vertical	±40° vertical	±40° vertical	±40° vertical
116%	112.4%	112%	112%
-	-	-	-
2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1.5A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service
10	2	2	2
HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	-	-	-
  	  	  	  

Projectors

Mobile

Model name	W341	W340	W335e
			
Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
Aspect ratio	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness ¹	3600 ANSI lumens	3400 ANSI lumens	3800 ANSI lumens
Contrast	22,000:1	20,000:1	22,000:1
Lamp life (max hrs) ³	10,000	10,000	15,000
Noise level (typical) ²	29dB	29dB	27dB
Weight (kg)	2.17	2.17	3
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	316 x 244 x 108
Throw ratio	1.55 ~ 1.73:1	1.55 ~ 1.73:1	1.55 ~ 1.73:1
Zoom type	1.1x manual	1.1x manual	1.1x manual
Image size (native)	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	112%	112%	112%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	10	10	10
Optional wireless	HDCast Pro / WHD200	HDCast Pro / WHD200	WHD200
Bag	-	-	-
Features	  		

Mobile

W334e	DW318e	X400	X345
			
WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)
16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
3700 ANSI lumens	3600 ANSI lumens	4000 ANSI lumens	3200 ANSI lumens
22,000:1	20,000:1	22,000:1	22,000:1
15,000	15,000	10,000	10,000
27dB	27dB	29dB	29dB
3	3	2.41	2.41
316 x 244 x 108	316 x 244 x 108	298 x 230 x 96.5	298 x 230 x 96.5
1.55 ~ 1.73:1	1.55 ~ 1.73:1	1.95 ~ 2.15:1	1.49 ~ 1.93:1
1.1x manual	1.1x manual	1.1x	1.3x
0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.71 - 7.73m (27.78" - 301.4") diagonal 4:3	0.78 - 7.65m (30.6" - 301.1") diagonal 4:3
±40° vertical	±40° vertical	±40° vertical	±40° vertical
112%	112%	115%	115%
-	-	-	-
HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service
10	10	2	2
WHD200	WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
-	-	-	-
  	  	 	 

Projectors

Mobile

Model name	X344	X343e	X342e
			
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
Brightness¹	3000 ANSI lumens	3800 ANSI lumens	3700 ANSI lumens
Contrast	22,000:1	22,000:1	22,000:1
Lamp life (max hrs)³	10,000	15,000	15,000
Noise level (typical)²	29dB	27dB	27dB
Weight (kg)	2.41	3	3
Dimensions (W x D x H mm)	298 x 230 x 96.5	316 x 244 x 108	316 x 244 x 108
Throw ratio	1.49 ~ 1.93:1	1.94 ~ 2.16:1	1.94 ~ 2.16:1
Zoom type	1.3x	1.1x manual	1.1x manual
Image size (native)	0.78 - 7.65m (30.6" - 301.1") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	115%
Lens shift	-	-	-
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	2	10	10
Optional wireless	HDCast Pro / WHD200	WHD200	WHD200
Bag	-	-	-
Features	     		

Mobile

DX318e	S343e	DS318e	S334e
			
XGA (1024 x 768)	SVGA (800 x 600)	SVGA (800 x 600)	SVGA (800 x 600)
4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
3600 ANSI lumens	3800 ANSI lumens	3600 ANSI lumens	3800 ANSI lumens
20000:1	22,000:1	20000:1	22,000:1
15,000	15,000	15,000	15,000
27dB	27dB	27dB	27dB
3	3	3	3
316 x 244 x 108	316 x 244 x 108	316 x 244 x 108	316 x 244 x 108
1.94 ~ 2.16:1	1.94 ~ 2.16:1	1.94 ~ 2.16:1	1.94 ~ 2.16:1
1.1x manual	1.1x manual	1.1x manual	1.1x manual
0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3
±40° vertical	±40° vertical	±40° vertical	±40° vertical
115%	115%	115%	115%
-	-	-	-
HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, Audio out 3.5mm, USB-A Power (1A)/service
10	10	10	10
WHD200	WHD200	WHD200	WHD200
-	-	-	-
       			

Projectors

	Mobile		
Model name	DS317e	S331	DS348
			
Resolution	SVGA (800 x 600)	SVGA (800 x 600)	SVGA (800 x 600)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible
Brightness¹	3600 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens
Contrast	20000:1	22,000:1	20,000:1
Lamp life (max hrs)³	15,000	10,000	10,000
Noise level (typical)²	27dB	29dB	29dB
Weight (kg)	3	2.17	2.17
Dimensions (W x D x H mm)	316 x 244 x 108	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.94 ~ 2.16:1	1.94 ~ 2.16:1	1.94 ~ 2.16:1
Zoom type	1.1x manual	1.1x manual	1.1x manual
Image size (native)	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	115%
Lens shift	-	-	-
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, Audio out 3.5mm, USB-A Power (1A)/service	2x HDMI (1.4a 3D support) + MHL, Audio out 3.5mm, USB-A power(1A)/service	2x HDMI (1.4a 3D support) + MHL, Audio out 3.5mm, USB-A power(1A)/service
Speaker (W)	10	2	2
Optional wireless	WHD200	HDCast Pro / WHD200	HDCast Pro / WHD200
Bag	-	-	-
Features	  		

	Mobile		Ultra mobile	
	S322e	DS315e	W304M	X304M
				
Resolution	SVGA (800 x 600)	SVGA (800 x 600)	WXGA (1280 x 800)	XGA (1024 x 768)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:10 native, 16:9 / 4:3 compatible	4:3 native, 16:9 compatible
Brightness¹	3800 ANSI lumens	3600 ANSI lumens	3100 ANSI lumens	3000 ANSI lumens
Contrast	22,000:1	20000:1	10,000:1	10,000:1
Lamp life (max hrs)³	15,000	15,000	5000	5000
Noise level (typical)²	27dB	27dB	33dB	33dB
Weight (kg)	3	3	1.4	1.4
Dimensions (W x D x H mm)	316 x 244 x 108	316 x 244 x 108	220 x 178 x 71	220 x 178 x 71
Throw ratio	1.94 ~ 2.16:1	1.94 ~ 2.16:1	1.53 ~ 1.76:1	1.9 ~ 2.2:1
Zoom type	1.1x manual	1.1x manual	1.15x manual	1.15x manual
Image size (native)	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3	0.68 - 6.54m (31.65" - 303.44") diagonal 16:10	0.68 - 5.26m (33.58" - 259.25") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±30° vertical	±30° vertical
Offset	115%	115%	114%	114%
Lens shift	-	-	-	-
Connections	VGA (YPbPr/RGB), Composite, USB-A mouse/service	VGA (YPbPr/RGB), Composite, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB/Wireless), Composite, Audio in 3.5mm Audio out 3.5mm, USB-B mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB/Wireless), Composite, Audio in 3.5mm Audio out 3.5mm, USB-B mouse/service
Speaker (W)	10	10	1	1
Optional wireless	WHD200	WHD200	WHD200	WHD200
Bag	-	-	✓	✓
Features	 		Smallest and brightest WXGA projector	Smallest and brightest XGA projector

Projectors

Ultra mobile LED

Model name	LH200	LH160	ML1050ST
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	WXGA (1280 x 800)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
Brightness¹	2000 LED brightness⁵	1500 LED brightness⁵	1000 LED brightness⁵
Contrast	200,000:1	160,000:1	20,000:1
Lamp life (max hrs)³	30,000 (LED life)	30,000 (LED life)	20,000 (LED life)
Noise level (typical)²	30dB	30dB	22dB
Weight (kg)	2.2	2.2	0.42
Dimensions (W x D x H mm)	280 x 191 x 55	280 x 191 x 55	112.5 x 123 x 57
Throw ratio	1.2:1	1.2:1	0.8:1
Zoom type	Fixed	Fixed	Fixed
Image size (native)	0.5 - 3m (18.6" - 111.8") diagonal 16:9	0.5 - 3m (18.6" - 111.8") diagonal 16:9	0.63 - 5.08m (25" - 200") diagonal 16:10
Keystone correction	±30° vertical (auto)	±30° vertical (auto)	±40° vertical (auto)
Offset	100%	100%	100%
Lens shift	-	-	-
Connections	2x HDMI, Audio out 3.5mm, 2x USB-A reader/ wireless	2x HDMI, Audio out 3.5mm, 2x USB-A reader/ wireless	HDMI + MHL v2.0, Universal I/O - VGA, Audio out 3.5mm, microSD card slot, USB-A reader/ wireless
Speaker (W)	2x 4	2x 4	1.5
Optional wireless	WUSB	WUSB	WUSB
Bag	✓	✓	✓
Features	Horizontal keystone + Four corner adjustment Auto v.keystone, Bluetooth audio out, LED light source, optional wireless presenting, built in battery	Horizontal keystone + Four corner adjustment, Auto v.keystone, Bluetooth audio out, LED light source, optional wireless presenting, built in battery	Auto v.keystone, Native office viewer media player, 3GB memory, LED light source, optional wireless presenting, 17ms Input lag
			

Ultra mobile LED

ML750ST	ML750e	ML330
		
WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible	16:10 native, 16:9 / 4:3 compatible
800 LED brightness⁵	700 LED brightness⁵	500 LED brightness⁵
20,000:1	15,000:1	20,000:1
20,000 (LED life)	20,000 (LED life)	20,000 (LED life)
22dB	30dB	34dB
0.42	0.38	0.46
112.5 x 123 x 57	105 x 106 x 39	157 x 122 x 35
0.8:1	1.5:1	1.2:1
Fixed	Fixed	Fixed
0.63 - 5.08m (25" - 200") diagonal 16:10	0.43 - 2.54m (17" - 100") diagonal 16:10	0.25 - 3.05m (10" - 120") diagonal 16:10
±40° vertical (auto)	±40° vertical	±40° vertical (auto)
100%	100%	100%
-	-	-
HDMI + MHL v2.0, Universal I/O - VGA, Audio out 3.5mm, microSD card slot, USB-A reader/ wireless	HDMI + MHL v1.0, Universal I/O - VGA / Audio out 3.5mm, microSD card slot, USB-A reader/ wireless	HDMI + MHL, AV in, Audio out 3.5mm, SPDIF, microSD card slot, 2x USB-A reader, RJ45
1.5	1	2
WUSB	WUSB	Built in WiFi and Bluetooth
✓	✓	✓
Auto v.keystone, Native office viewer, Media player, 3GB memory, LED light source, optional wireless presenting, 17ms Input lag	Native office viewer, Media player, 1.5GB memory, LED light source, optional wireless presenting	Auto v.keystone, android 4.4 KitKat, LED light source, Built in WiFi and Bluetooth
		



Screens

Optoma projection screens are highly versatile, easy to operate and suitable for almost any application including meeting rooms, large auditoriums, theatres and home use.

Image includes Optoma ALR100



Home

Optoma's home range has something for everyone – from a dedicated home cinema room to a brightly-lit living space.

Our home entertainment projectors can be viewed without dimming the lights, so are perfect for watching TV, films, live sports or playing action-packed games with family and friends.

Projectors

Home			
Model name	UHZ65	UHD65	UHD60
			
Resolution	4K UHD (3480 x 2160)	4K UHD (3480 x 2160)	4K UHD (3480 x 2160)
Brightness¹	3000 ANSI lumens	2200 ANSI lumens	3000 ANSI lumens
Contrast	2,000,000:1	1,200,000:1	1,000,000:1
Lamp life (max hrs)³	20,000	15,000	15,000
Noise level (typical)²	29dB	25dB	25dB
Weight (kg)	9.5	7.8	7.8
Dimensions (W x D x H mm)	498 x 331 x 141	498 x 331 x 141	498 x 331 x 141
Throw ratio	1.39 ~ 2.22:1	1.39 ~ 2.22:1	1.39 ~ 2.22:1
Zoom type	1.6x manual	1.6x manual	1.6x manual
Images size (native)	0.67 - 7.68m (26.45" - 302.2") diagonal 16:9	0.67 - 7.68m (26.45" - 302.2") diagonal 16:9	0.67 - 7.68m (26.45" - 302.2") diagonal 16:9
Keystone correction	-	-	-
Offset	100%	100%	100%
Lens shift	V +15%	V +15%	V +15%
Connections	HDMI 2.0, HDMI (1.4a 3D support) + MHL v2.2, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, RJ45, USB-A Power (1.5A), USB-A service	HDMI 2.0, HDMI v1.4 + MHL v2.2, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, RJ45, USB-A Power (1.5A), USB-A service	HDMI 2.0, HDMI v1.4 + MHL v2.2, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, RJ45, USB-A Power (1.5A), USB-A service
Speaker (W)	2x 4	2x 4	2x 4
Optional wireless	-	-	-
Features	Laser light source, PureMotion	PureMotion	
			

Home			
UHD550X	UHD51A	UHD51	UHD350X
			
4K UHD (3480 x 2160)	4K UHD (3480 x 2160)	4K UHD (3480 x 2160)	4K UHD (3480 x 2160)
2800 ANSI lumens	2400 ANSI lumens	2400 ANSI lumens	2200 ANSI lumens
500,000:1	500,000:1	500,000:1	250,000:1
15,000	15,000	15,000	15,000
25dB	25dB	25dB	25dB
7.8	5.22	5.22	5.22
498 x 331 x 141	392 x 281 x 118	392 x 281 x 118	392 x 281 x 118
1.39 ~ 2.22:1	1.2 ~ 1.59:1	1.2 ~ 1.59:1	1.2 ~ 1.59:1
1.6x manual	1.3x manual	1.3x manual	1.3x manual
0.67 - 7.68m (26.45" - 302.2") diagonal 16:9	0.87 - 7.68m (34.1" - 302.2") diagonal 16:9	0.87 - 7.68m (34.1" - 302.2") diagonal 16:9	0.87 - 7.68m (34.1" - 302.2") diagonal 16:9
-	-	-	-
100%	105%	105%	105%
V +15%	V +10%	V +10%	V: +10%
HDMI 2.0, HDMI v1.4 + MHL v2.2, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, RJ45, USB-A Power (1.5A), USB-A service	2x HDMI 2.0, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RJ45, RS232, USB-A Power (1.5A)/Reader, USB-A wireless, USB-A Alexa, USB-A service	2x HDMI 2.0, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RJ45, RS232, USB-A Power (1.5A), USB-A service	2x HDMI 2.0, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RJ45, RS232, USB-A Power (1.5A), USB-A service
2x 4	2x 5	2x 5	2x 5
-	WUSB (included)	-	-
	Alexa support, Google Home Assistant support, Media Player, PureMotion	PureMotion	100" @ 0.3m
			

Projectors

Home

Model name	UHD40	UHD300X	HZ45UST
			
Resolution	4K UHD (3480 x 2160)	4K UHD (3480 x 2160)	1080p (1920 x 1080)
Brightness¹	2400 ANSI lumens	2200 ANSI lumens	4200 ANSI lumens
Contrast	500,000:1	250,000:1	3,000,000:1
Lamp life (max hrs)³	15,000	15,000	20,000
Noise level (typical)²	25dB	25dB	30dB
Weight (kg)	5.22	5.22	5.6kg
Dimensions (W x D x H mm)	392 x 281 x 118	392 x 281 x 118	382 x 310 x 124
Throw ratio	1.2 ~ 1.59:1	1.2 ~ 1.59:1	0.25:1
Zoom type	1.3x manual	1.3x manual	Fixed
Images size (native)	0.87 - 7.68m (34.1" - 302.2") diagonal 16:9	0.87 - 7.68m (34.1" - 302.2") diagonal 16:9	2.03 - 2.54m (80" - 100") diagonal 16:9
Keystone correction	-	-	±40° vertical
Offset	105%	105%	120%
Lens shift	V +10%	V +10%	-
Connections	2x HDMI 2.0, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, USB-A Power (1.5A), USB-A service	2x HDMI 2.0, VGA (RGB/YpPr), Audio in 3.5mm, Audio out S/PDIF, Audio out 3.5mm, 12V trigger, RS232, USB-A Power (1.5A), USB-A service	2x HDMI V1.4a, 2x VGA, 2x 3.5mm Audio, VGA-out, 3.5mm Audio out, RJ45, RS232, Wired remote, 12v Trigger, Mini USB (service)
Speaker (W)	2x 5	2x 5	10
Optional wireless	-	-	WHD200
Features	Vertical keystone	Vertical keystone	100" @ 0.30m
			

Home

HZ40UST	HD35UST	HD31UST	GT1080Darbee
			
1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
4000 ANSI lumens	3600 ANSI lumens	3400 ANSI lumens	3000 ANSI lumens
2,500,000:1	30,000:1	28,000:1	28,000:1
20,000	15000	15000	8000
30dB	25dB	25dB	26dB
5.6kg	3.9	3.9	2.66
382 x 310 x 124	343 x 383 x 112	343 x 383 x 112	315 x 224 x 114
0.25:1	0.25:1	0.25:1	0.49:1
Fixed	Fixed	Fixed	Fixed
2.03 - 2.54m (80" - 100") diagonal 16:9	2.03 - 2.54m (80.0" - 100") diagonal 16:9	2.03 - 2.54m (80.0" - 100") diagonal 16:9	1.15 - 7.67m (45.3" - 300") diagonal 16:9
±40° vertical	±4° vertical, ±4° horizontal	±4° vertical, ±4° horizontal	±40° vertical
120%	118%	118%	116%
-	-	-	-
2x HDMI V1.4a, 2x VGA, 2x 3.5mm Audio, VGA-out, 3.5mm Audio out, RJ45, RS232, Wired remote, 12v Trigger, Mini USB (service)	2x HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, 2x USB-A reader/wireless, RJ45, RS232	2x HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, 2x USB-A reader/wireless, RJ45, RS232	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1A)/service
10	16	16	20
WHD200	WHD200	WHD200	WHD200
100" @ 0.30m	Ultra short throw	Ultra short throw	100" @ 1.08m, DynamicBlack technology
			

Projectors

Home

Model name	GT1080e	GT1070Xe	HD39Darbee
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Brightness¹	3000 ANSI lumens	2800 ANSI lumens	3500 ANSI lumens
Contrast	25,000:1	23,000:1	32,000:1
Lamp life (max hrs)³	6500	6500	15,000
Noise level (typical)²	26dB	26dB	28dB
Weight (kg)	2.65	2.65	2.81
Dimensions (W x D x H mm)	315 x 224 x 114	315 x 224 x 114	315 x 224 x 114
Throw ratio	0.49:1	0.49:1	1.4 ~ 2.24:1
Zoom type	Fixed	Fixed	1.6x manual
Images size (native)	1.15 - 7.67m (45.3" - 300") diagonal 16:9	1.15 - 7.67m (45.3" - 300") diagonal 16:9	0.66 - 7.7m (26.21" - 303.3") diagonal 16:9
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	116%	116%	99%
Lens shift	-	-	V +17%
Connections	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB service	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB service	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1A)/service
Speaker (W)	10	10	10
Optional wireless	WHD200	WHD200	WHD200
Features	DynamicBlack technology 	DynamicBlack technology 	Dynamic Black technology 

Home

HD29Darbee	HD27LV	HD27e	HD144X
			
1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
3200 ANSI lumens	4,000 ANSI lumens	3400 ANSI lumens	3200 ANSI lumens
30,000:1	22,000:1	25,000:1	23,000:1
8000	8000	12,000	12,000
26dB	26dB	25dB	25dB
2.38	2.41	2.87	2.87
298 x 230 x 96.5	298 x 230 x 96.5	316 x 244 x 108	316 x 244 x 108
1.48 ~ 1.62:1	1.47 - 1.63:1	1.47 ~ 1.62:1	1.47 ~ 1.62:1
1.1x manual	1.1x	1.1x	1.1x
0.71 - 7.75m (27.88" - 305.3") diagonal 16:9	0.58 - 7.62m (22.9" - 300") diagonal 16:9	0.71 - 7.66m (28" - 301") diagonal 16:9	0.71 - 7.66m (28" - 301") diagonal 16:9
±40° vertical	±40° vertical	±40° vertical	±40° vertical
116%	116%	116%	116%
-	-	-	-
2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1A)/service	HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A Power (1A)/service	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1.5A)/service	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1.5A)/service
10	2	10	10
WHD200	WHD200	WHD200	WHD200
Dynamic Black technology 		DynamicBlack technology 	DynamicBlack technology 

Projectors

Home			
Model name	HD143X	GT760	H116
			
Resolution	1080p (1920 x 1080)	720p (1280 x 800 native)	720p (1280 x 800 native)
Brightness ¹	3000 ANSI lumens	3400 ANSI lumens	3800 ANSI lumens*
Contrast	23,000:1	20,000:1	30,000:1
Lamp life (max hrs) ³	12,000	6000	15,000
Noise level (typical) ²	25dB	29dB	27dB
Weight (kg)	2.87	2.55	3
Dimensions (W x D x H mm)	316 x 244 x 108	288 x 220 x 86	316 x 244 x 108
Throw ratio	1.47 ~ 1.62:1	0.52:1	1.55 ~ 1.73:1
Zoom type	1.1x	Fixed	1.1x manual
Images size (native)	0.71 - 7.66m (28" - 301") diagonal 16:9	1.13 - 5.67m (44.64" - 223.21") diagonal 16:10	0.68 - 8.04m (26.78" - 316.5") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	116%	115%	112%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1.5A)/service	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/ Wireless), S-Video, Composite, Audio in 3.5mm VGA out, Audio out 3.5mm, RS232, mini USB mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	10	2	10
Optional wireless	WHD200	WHD200	WHD200
Features	DynamicBlack technology		
  			

* Specification is to be confirmed and is subject to change.

Home	
H184X	HL10
	
720p (1280 x 800 native)	1080p (1920 x 1080)
3600 ANSI lumens*	1500 LED brightness⁹
28,000:1	200,000:1
15,000	30,000 (LED life)
27dB	30dB
3	2.2
316 x 244 x 108	280 x 191 x 55
1.55 ~ 1.73:1	1.2:1
1.1x manual	Fixed
0.68 - 8.04m (26.78" - 316.5") diagonal 16:10	0.5 - 3m (18.6" - 111.8") diagonal 16:9
±40° vertical	±30° vertical (auto)
112%	100%
-	-
HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in 3.5mm, VGA out, Audio out 3.5mm, RS232, USB-A mouse/service	2x HDMI, Audio out 3.5mm, 2x USB-A reader/ wireless
10	2x 4
WHD200	WUSB
	Horizontal keystone + Four corner adjustment, Auto v.keystone, Bluetooth audio out LED light source, optional wireless presenting, built in battery, carry bag
	

* Specification is to be confirmed and is subject to change.

PROSCENE

Optoma has a full range of professional AV projectors.
To see the range please visit optoma.com



NU FORCE

Optoma has a great range of Audio products.
To see the range please visit optoma.com



Optoma

Optoma has a full range of LED displays.
To see the range please visit optoma.com



Optoma

Optoma genuine lamp modules are designed specifically and uniquely for Optoma projectors.
To read more please visit optoma.com



Screens

Manual pull down

Model name	DS-3084PWC	DS-3100PMG+	DS-3120PMG+
			
Format	4:3	4:3	4:3
Gain	1	1	1
Screen material	Matte white	Matte white	Matte white
Viewing size (W x H mm)	1710 x 1280	2030 x 1520	2340 x 1755
Diagonal viewing (inch)	84	100	120
Black border R & L (mm)	40	50	47
Black border bottom (mm)	35	60	45
Black border top (mm)	80	80	80
Weight (kg)	8.96	11.13	13.6
Case dimensions (W x D x H mm)	1910 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)	2554 x 112 x 86 (including brackets)

Manual pull down

Model name	DS-9120MGA	DS-1095PMG+	DS-1109PMG+
			
Format	16:10	16:10	16:10
Gain	1	1	1
Screen material	Matte white	Matte white	Matte white
Viewing size (W x H mm)	2030 x 1269	2030 x 1269	2340 x 1463
Diagonal viewing (inch)	95	95	109
Black border R & L (mm)	50	50	47
Black border bottom (mm)	60	60	40
Black border top (mm)	300	300	300
Weight (kg)	11.3	11.3	13.38
Case dimensions (W x D x H mm)	2250 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)	2554 x 112 x 86 (including brackets)

Manual pull down

DS-9072PWC	DS-9084PMG+	DS-9092PWC	DS-9106MGA
			
16:9	16:9	16:9	16:9
1	1	1	1
Matte white	Matte white	Matte white	Matte white
1594 x 897	1860 x 1045	2030 x 1145	2340 x 1320
72	84	92	106
50	50	50	47
55	35	60	45
300	300	300	300
8.96	9.92	11.3	13.38
1814 x 112 x 86 (including brackets)	2080 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)	2554 x112 x 86

Manual pull down

Tab tension

Electric

DS-1123PMG+	DE-9120ETT	DE-9106ETT	DE-3100EGA
			
16:10	16:9	16:10	4:3
1	1	1	1
Matte white	PS series flexible fabric, matte white	PS series flexible fabric, matte white	Matte white
2656 x 1660	2346 x 1320	2656 x 1660	2030 x 1520
123	106	123	100
50	80	80	50
40	55	55	55
300	400	400	80
20	18.4	20.7	12.5
2920 x 118 x 132	2843 x 142 x 152	3158 x 142 x 152	2280 x 108 x 113

Screens

Electric

Model name	DE-3120EGA	DE-9092EGA	DE-9106EGA
			
Format	4:3	16:9	16:9
Gain	1	1	1
Screen material	Matte white	Matte white	Matte white
Viewing size (W x H mm)	2400 x 1800	2030 x 1145	2340 x 1320
Diagonal viewing (inch)	120	92	106
Black border R & L (mm)	50	50	50
Black border bottom (mm)	55	55	55
Black border top (mm)	80	300	300
Weight (kg)	14.8	12.27	14.2
Case dimensions (W x D x H mm)	2650 x 108 x 113	2280 x 108 x 113	2590 x 108 x 113

Manual pull up

Model name	DP-3072MWL	DP-3084MWL	DP-9046MWL
			
Format	4:3	4:3	16:9
Gain	1	1	1
Screen material	Matte white	Matte white	Matte white
Viewing size (W x H mm)	1463 x 1097	1707 x 1280	1016 x 572
Diagonal viewing (inch)	72	84	46
Black border R & L (mm)	35	35	25
Black border bottom (mm)	680	800	210
Black border top (mm)	25	25	20
Weight (kg)	5.63	6.33	2.8
Case dimensions (W x D x H mm)	1620 x 115 x 115	1867 x 115 x 115	1124 x 140 x 84

Electric

DE-9120EGA	DE-1095EGA	DE-1109EGA	DE-1123EGA
			
16:9	16:10	16:10	16:10
1	1	1	1
Matte white	Matte white	Matte white	Matte white
2656 x 1494	2030 x 1269	2340 x 1463	2340 x 1755
120	95	109	123
50	50	47	50
55	50	50	50
300	300	300	300
16	12.27	14.2	16
2983 x 108 x 113	2280 x 108 x 113	2590 x 108 x 113	2906 x 108 x 113

Manual pull up

DP-9092MWL	DP-1082MWL	DP-1095MWL	ALR100
			
16:9	16:10	16:10	16:9
1	1	1	0.42
Matte white	Matte white	Matte white	Ambient light rejecting
1016 x 572	1770 x 1106	2030 x 1267	2214 x 1245
46	82	95	100
25	28	35	-
210	907	698	-
20	25	35	-
2.8	6.46	7.5	13
1124 x 140 x 84	1930 x 115 x 155	2192 x 115 x 155	2330 x 380 x 160

Fixed frame

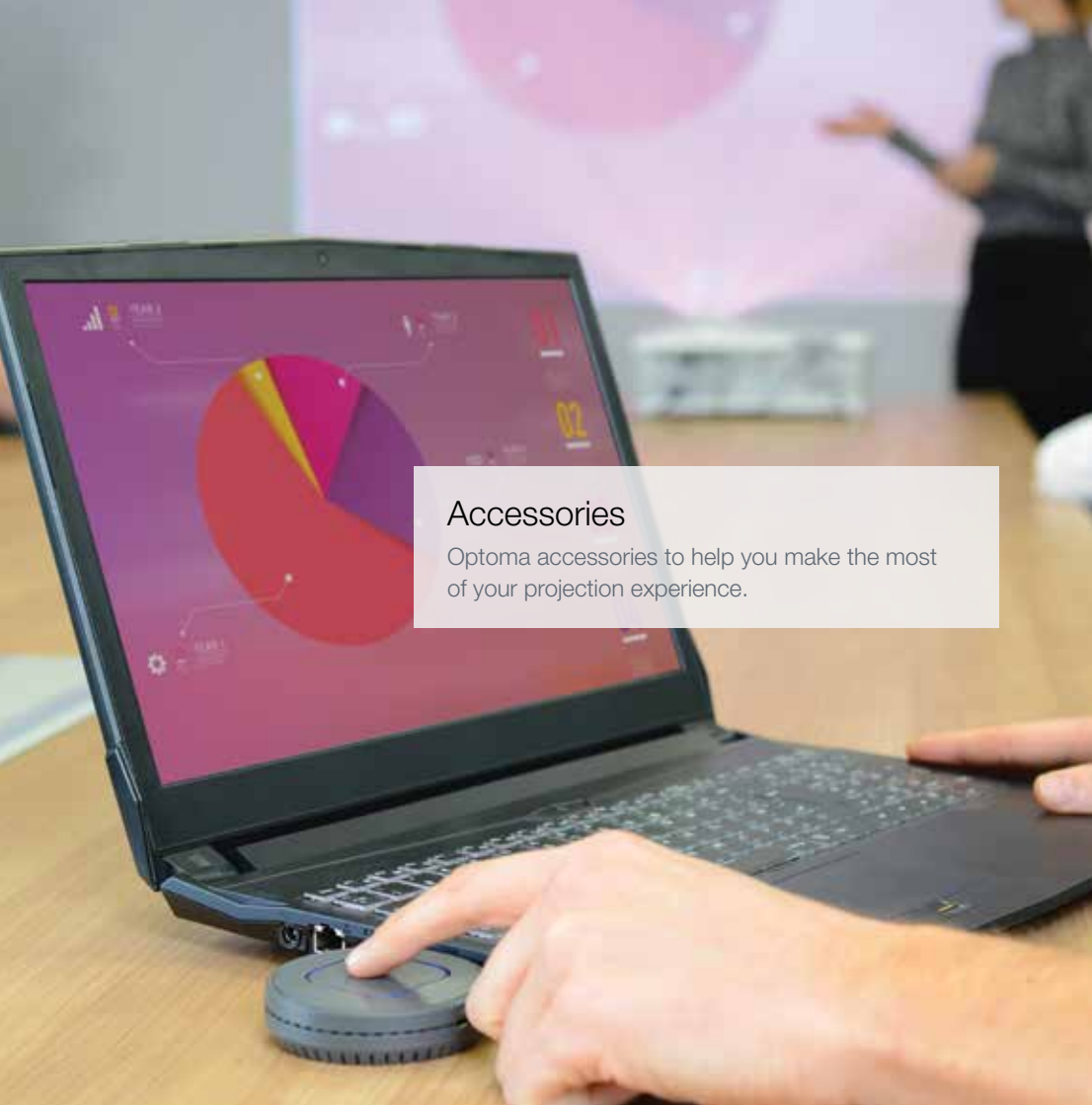
Document cameras

Model name	DC350	DC450	DC550
			
Resolution	XGA, 720	XGA, UXGA, 720 and 1080 support	XGA, UXGA, 720 and 1080 support
Camera	5MP	8MP	8MP
Zoom	5x optical, 8x digital	17x optical, 8x digital	17x optical, 8x digital
SD card support	✓	✓	✓
Video recording	✓ (via USB or SD card)	✓ (via USB or SD card)	✓ (via USB or SD card)
Microscope adaptors	✓	✓	✓
Connections	VGA out, VGA , power over USB	VGA in/out, HDMI in/out	VGA in/out, HDMI in/out
SmartDC	Software support Windows 7, 8, 8.1, 10 and Apple OSX 10.7 or above	Software support Windows 7, 8, 8.1, 10 and Apple OSX 10.7 or above	Software support Windows 7, 8, 8.1, 10 and Apple OSX 10.7 or above
Features	Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VESA Mounting supported	Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VESA Mounting supported	Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VESA Mounting supported

Document cameras

DC554

XGA, UXGA, 720, 1080 and 4K support
13MP
17x optical, 8x digital
✓
✓ (via USB or SD card)
✓
VGA in/out, HDMI in/out
Software support Windows 7, 8, 8.1, 10 and Apple OSX 10.7 or above
Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VESA Mounting supported



Accessories
Optoma accessories to help you make the most of your projection experience.

Accessories

Ceiling mount OCM818B-RU / OCM818W-RU	Ceiling mount OCM815B / OCM815W	Wall mount OWM3000	Wall mount OWM855W
			
Universal flush ceiling mount – available in black and white.	Universal pole ceiling mount – available in black and white, with extension pole.	Compact wall mount with vertical adjustment and adjustable mounting plate for easy installation. Designed for the Optoma ultra short throw projector range.	Telescopic wall mount with height adjustment plate for easy installation. Designed for the Optoma 305ST / 316ST / 415ST short throw projector range.

Table mount OTM2000	Wall mount adapter EWM2000	Universal carry bag SP.8EF08GC01	Carry bag L SP.72801GC01
			
Project directly onto a table top for a large interactive display with this easy installation table mount. Designed for the Optoma 320UST / 319UST ultra short throw projector range.	Upgrade your Epson BrightLink, BrightLink Pro and PowerLite ultra short throw projector with an Optoma 320UST / 319UST projector. Compatible with Epson projector mounts (ELPMB28 / ELPMB43).	Lightweight, durable and comes with a strap. Compatible with most Optoma projectors.	Lightweight, durable and comes with a strap. Compatible with GT5000+ / GT5500+ Optoma projectors.

For a full list of accessories and compatible products visit www.optoma.com

Accessories

QuickCast bundle QCBUNDLE	QuickCast starter kit QCSTARTER	QuickCast cradle QCCRADLE	QuickCast transmitter QCTX
			
This standalone presentation system gives presenters the freedom and flexibility to display content instantly from almost any device with an HDMI output. With no wires, software or applications to download, QuickCast is the ideal solution for hassle-free presentations at the click of a button.	This standalone presentation system gives presenters the freedom and flexibility to display content instantly from almost any device with an HDMI output. The starter kit includes 1x transmitter, 1x receiver, 2x HDMI extension cables and 2x USB to micro USB cables.	Charging cradle for QuickCast transmitters.	Additional transmitter for use with QuickCast bundle.

Wireless HDMI WHD200	Wireless USB adapter WUSB	HDCast Pro H1AM60000001	ZD302 3D glasses E1A3E0000003
			
Stream 2D and 3D video content wirelessly to a projector or TV from a Blu-ray™ player, set-top box, gaming console or AV receiver; the WHD200 is capable of streaming 1080p formats including 24, 50 and 60Hz up to 20 metres in any room.	WUSB lets you share photos, presentations and videos wirelessly. Ideal for use with Optoma ML750e and ML750ST.	Stream videos and music, and share photos and documents in Full HD 1080p from your mobile device or laptop to your display device with ease. Compatible with Miracast™ and DLNA™.	• DLP® Link™ technology • Rechargeable • Only 32g • Up to 40 hours battery life • Up to 15m range • Included in the box: soft carry bag, cleaning cloth, 2x nose pieces, charging cable. • Compatible with Optoma 3D Ready and Full 3D projectors.

For a full list of accessories and compatible products visit www.optoma.com

Glossary



4K

4K Ultra HD provides four times as many pixels as Full HD 1080p. That's 8.3 million on screen pixels (3840 x 2160) bringing greater realism to every scene with thrilling detail, colour and contrast.



Full 3D

Full 3D projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles.



Media player

A handy integrated media player means you can use the projector as a stand-alone device, retrieving content from the internal memory, USB stick or a memory card.



WUXGA

WUXGA projectors have a native display of 1920x1200 pixels with an aspect ratio of 16:10. This format has proved highly popular in commercial and business environments.



LED

Lamp free LED projectors are more energy-efficient than lamp based projectors and have a much longer life span (up to 20,000 hours).



TouchBeam interactive technology

Optoma's finger-touch technology allows several people to work simultaneously on the projected screen without using a pen. TouchBeam makes it easy to open documents or web browsers and draw, annotate, zoom and rotate images on the projected image.



Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.



Eco+

Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.



MHL®

Turn your projector into a smart display by connecting a smartphone or tablet with a single cable using MHL to play games, stream videos and share photos on the big screen.



HD Ready

HD Ready projectors can display 720p/1080i High Definition pictures. You'll still see a big improvement from 720p/1080i HD pictures, though you won't see every last detail from sources such as Blu-ray (1080p) discs.



24 frames per second (FPS)

Most movies are shot at 24 frames per second (fps). Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.



DARBEE

Darbee's acclaimed Visual Presence™ patented technology further enhances Optoma projection technology and adds more depth and realism delivering a clearer sharper picture.



HDR compatible

Capable of receiving and displaying HDR meta data, Optoma HDR compatible projectors allow you to see far more detail and texture for lifelike images with a greater sense of depth.



Android™

With built in Android you can download popular apps such as Netflix and YouTube.

Key definitions



All Optoma projectors use DLP® technology, pioneered by Texas Instruments. This technology uses millions of mirrors to produce high quality images and ensures the projectors do not suffer colour degradation over time.

For more information on DLP visit

www.optomaeurope.com/projectortechnology/DLP



Resolution

A projector's native resolution is the number of pixels that it has available to create an image. The greater the resolution of a projector, the greater the detail and sharpness of the projected image.

Brightness

Brightness is the light output of the projector. The brightness rating (ANSI lumen or LED brightness) is a measurement of the light energy being generated by the projector itself.

Contrast

Contrast is the difference between the brightest and darkest parts in an image. A high contrast is particularly important for home projectors as it produces a picture with a deeper black level and clearly defined shadow detail.

Aspect ratio

A projector's aspect ratio refers to the ratio between its width and height. For example, a 4:3 display produces an image that is more square, where a 16:9 ratio produces an image that is more rectangular in shape. The most common video projector aspect ratios are 4:3 (XGA and SXGA), 16:10 (WXGA and WUXGA) and 16:9 (standard HDTV, 1080p).

Throw ratio

Throw ratio is the ratio between the projection distance and image width. For example, a throw ratio of 2:1 means to achieve every unit of screen width requires 2 units of projection distance. Normally quoted as a range as most projectors have a zoom facility.

Keystone correction

Keystone correction is performed digitally before the image passes through the lens. It can be used to manipulate the projected image vertically and/or horizontally so that you can get it as close to an even rectangle as possible.

Lens shift

Lens shift gives you the ability to move the projected image up or down and left or right, while keeping the projector stationary. This makes it easier to position the projector in your room and enables a wider range of screen size options.

PureMotion

Using sophisticated frame-interpolation technology, advanced motion control processing eliminates motion blurring or image judder, even in high-speed action sequences.

DynamicBlack

This feature gives more depth to your image by smoothly adjusting the lamp output, based on the brightness information of each frame; to create a stunning high contrast ratio. Bright scenes appear crisp and clear, while dark scenes remain detailed with deep blacks and exceptional light and shade detail.

Copyright © 2018, Optoma and its logo is a registered trademark of Optoma Corporation. Optoma Europe Ltd is the licensee of the registered trademark. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. Crestron®, the Crestron and RoomView® logo are registered trademarks of Crestron Electronics, Inc. MHL, Mobile High-Definition Link and the MHL logo are trademarks or registered trademarks of the MHL, LLC. ¹Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime. ²The quoted noise level is based on testing and will vary according to operational use and environmental conditions. ³Typical lamp life achieved through testing will vary according to operational use and environmental conditions. ⁴The quoted LED brightness rating is based on the perceived equivalent ANSI lumen brightness when compared to a standard lamp projector. The LED brightness rating takes into account the Helmholtz-Kohlrausch (HK) effect on the perceived brightness of colours. ⁵Lamp life hours is based on a daily cycle that reflects projector usage in a typical education environment. Errors and omissions excepted, all specifications are subject to change without notice. All images are for representation purposes only and may be simulated.



optoma.com