



Optoma projector range
Spring 2017






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.

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|---|--|
|  Ultra short throw |  Ultra mobile LED |
|  Short throw |  Home |
|  Desktop / Install |  Document cameras |
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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
Brightness ¹	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 99	385 x 310 x 99	385 x 310 x 99
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	±20° vertical	±20° vertical	±20° 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, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB (interactive), 12V trigger, 3D-sync	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB remote mouse/service, 12V trigger, 3D-sync	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB (interactive), 12V trigger, 3D-sync
Speaker (W)	16	16	16
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / 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









Model name	EH319UST	W320USTi	W320UST	W319USTi
				
Resolution	1080p (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)
Aspect ratio	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
Brightness ¹	3500 ANSI lumens	4000 ANSI lumens	4000 ANSI lumens	3300 ANSI lumens
Contrast	18,000:1	20,000:1	20,000:1	18,000:1
Lamp life (max hrs) ³	6500	6500	6500	10,000
Noise level (typical) ²	28dB	28dB	28dB	26dB
Weight (kg)	4.78	4.85	4.78	4.63
Dimensions (W x D x H mm)	385 x 310 x 99	385 x 310 x 99	385 x 310 x 99	385 x 310 x 99
Throw ratio	0.25:1	0.27:1	0.27:1	0.27:1
Zoom type	Fixed	Fixed	Fixed	Fixed
Image size (native)	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
Keystone correction	±20° vertical	±20° vertical	±20° vertical	±20° vertical
Offset	118%	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, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB (interactive), 12V trigger, 3D-sync	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB (interactive), 12V trigger, 3D-sync	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB remote mouse/service, 12V trigger, 3D-sync	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, USB (interactive)
Speaker (W)	16	16	16	16
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-	-
Features	100" @ 0.55m, Crestron RoomView™, PJLink™, Shadow free presentations	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, IR Pen Interactive
				

Projectors

Ultra short throw







Model name	W319USTir	W319UST	X320USTi
			
Resolution	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)
Aspect ratio	16:10 native, 16:9/4:3 compatible	16:10 native, 16:9/4:3 compatible	4:3 native, 16:9 compatible
Brightness ¹	3300 ANSI lumens	3300 ANSI lumens	4000 ANSI lumens
Contrast	18,000:1	18,000:1	20,000:1
Lamp life (max hrs) ³	10,000	10,000	6500
Noise level (typical) ²	26dB	26dB	28dB
Weight (kg)	4.63	4.57	4.85
Dimensions (W x D x H mm)	385 x 310 x 99	385 x 310 x 120	385 x 310 x 99
Throw ratio	0.27:1	0.27:1	0.33:1
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	1.77 – 2.54m (70.0° – 100°) diagonal 4:3
Keystone correction	±20° vertical	±20° vertical	±20° vertical
Offset	115%	115%	117%
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, 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, USB (interactive)	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in (RCA/3.5mm), Mic in, Audio out 3.5mm, VGA out (shared with VGA2 in), RJ45, RS232, USB-A power, USB (interactive), 12V trigger, 3D-sync
Speaker (W)	16	16	16
Optional wireless	WPS dongle / WHD200 / WPS Pro / WPS	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	100° @ 0.42m, Crestron RoomView™, PJLink™ Shadow free presentations, IR Pen Interactive	100° @ 0.31m, Crestron RoomView™, PJLink™ Shadow free presentations	100° @ 0.42m, Crestron RoomView™, PJLink™ Shadow free presentations, TouchBeam Interactive
			

Ultra short throw









Model name	X320UST	X319USTir	X319UST	EH415ST
				
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	1080p (1920 x 1080)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:9 native, 4:3 compatible
Brightness ¹	4000 ANSI lumens	3200 ANSI lumens	3200 ANSI lumens	3500 ANSI lumens
Contrast	20,000:1	18,000:1	18,000:1	15,000:1
Lamp life (max hrs) ³	6500	10,000	10,000	7000
Noise level (typical) ²	28dB	26dB	26dB	37dB
Weight (kg)	4.78	4.63	4.57	3.4
Dimensions (W x D x H mm)	385 x 310 x 99	385 x 310 x 99	385 x 310 x 99	286 x 266 x 124
Throw ratio	0.33:1	0.33:1	0.33:1	0.5:1
Zoom type	Fixed	Fixed	Fixed	Fixed
Image size (native)	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° – 100°) diagonal 4:3	1.49 - 3.8m (59° - 152°) diagonal 16:9
Keystone correction	±20° vertical	±20° vertical	±20° vertical	± 20° Vertical
Offset	117%	117%	117%	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, 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, 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, USB (interactive)	2x HDMI (1.4a 3D support), 1x VGA (RGB/YPbPr), Composite, 2x Audio in (RCA/3.5mm), Audio out 3.5mm, VGA out, RJ45, RS232, USB service, 12V trigger, USB-A power
Speaker (W)	16	16	16	10
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-	✓
Features	60° @ 0.52m, Interactive Projection, Crestron RoomView™, PJLink™, Shadow free presentations	100° @ 0.42m, Crestron RoomView™, PJLink™, Shadow free presentations, IR Pen Interactive	100° @ 0.31m, Crestron RoomView™, PJLink™, Shadow free presentations	Vertical lens shift, Crestron RoomView™, PJLink™
				

Projectors

Short throw

Model name	EH200ST	W316ST	W305ST
			
Resolution	1080p (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)
Aspect ratio	16:9 native, 4:3 compatible	16:10 native, 16:9/4:3 compatible	16:10 native, 16:9/4:3 compatible
Brightness ¹	3000 ANSI lumens	3600 ANSI lumens	3200 ANSI lumens
Contrast	20,000:1	20,000:1	18,000:1
Lamp life (max hrs) ³	6500	7000	6000
Noise level (typical) ²	26dB	29dB	29dB
Weight (kg)	2.65	2.76	2.55
Dimensions (W x D x H mm)	315 x 224 x 114	315 x 224 x 102	288 x 220 x 86
Throw ratio	0.49:1	0.524:1	0.52:1
Zoom type	Fixed	Fixed	Fixed
Image size (native)	1.15 - 7.67m (45.3" - 300") diagonal 16:9	1.09m ~ 5.62m (44.3" to 221.5") diagonal 16:10	1.13 - 5.67m (44.64" - 223.21") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	116%	112.4%	115%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB service	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/Wireless), S-Video, Composite, 2x Audio in 3.5mm, Audio out 3.5mm, VGA out, RJ45, RS232, USB remote mouse, Mic in (shared with Audio 2-In)	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/Wireless), S-Video, Composite, Audio in 3.5mm, Audio out 3.5mm, VGA out, RS232, USB remote mouse
Speaker (W)	10	10	2
Optional wireless	HDCast Pro / WPS Pro / WHD200	WPS dongle / WHD200 / WPS Pro	WPS dongle / WHD200 / WPS Pro
Bag	✓	-	-
Features		Crestron RoomView™, PJLink™	60° @ 0.68m
			

Short throw

Model name	W303ST	X316ST	X305ST	DU400
				
Resolution	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)	WUXGA (1900 x 1200)
Aspect ratio	16:10 native, 16:9/4:3 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:10 native, 16:9/4:3 compatible
Brightness ¹	3000 ANSI lumens	3400 ANSI lumens	3000 ANSI lumens	4000 ANSI lumens
Contrast	18,000:1	20,000:1	18,000:1	15,000:1
Lamp life (max hrs) ³	6000	7000	6000	7,000
Noise level (typical) ²	26dB	29dB	29dB	32dB
Weight (kg)	2.55	2.76	2.55	2.99
Dimensions (W x D x H mm)	288 x 220 x 86	315 x 224 x 102	288 x 220 x 86	315 x 224 x 114
Throw ratio	0.524:1	0.617:1	0.626:1	1.4 ~ 2.24:1
Zoom type	Fixed	Fixed	Fixed	1.6x manual
Image size (native)	1.13 - 5.67m (44.64" - 223.21") diagonal 16:10	1.51 - 2.69m (59.8" - 106.1") Diagonal 4:3	1.00 - 5.0m (39.34" - 196.71") diagonal 4:3	0.68 - 7.75m (26.94" to 305.1") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	115%	94%
Lens shift	-	-	-	V: +13%
Connections	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/Wireless), S-Video, Composite, Audio in 3.5mm, Audio out 3.5mm, VGA out, RS232, USB remote mouse	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/Wireless), S-Video, Composite, 2x Audio in 3.5mm, Audio out 3.5mm, VGA out, RJ45, RS232, USB remote mouse, Mic in (shared with Audio 2-In)	HDMI (1.4a 3D support), 2x VGA (RGB/YPbPr/Wireless), S-Video, Composite, Audio in 3.5mm, Audio out 3.5mm, VGA out, RS232, USB remote mouse	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, USB service
Speaker (W)	2	10	2	10
Optional wireless	WPS dongle / WHD200 / WPS Pro	WPS dongle / WHD200 / WPS Pro	WPS dongle / WHD200 / WPS Pro	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-	-
Features	60° @ 0.68m	Crestron RoomView™, PJLink™	60° @ 0.77m	Vertical lens shift, Horizontal keystone, Crestron RoomView™, PJLink™
				

Projectors

Desktop / Install





Model name	EH500	DH1017	DH400
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	WUXGA (1900 x 1200)
Aspect ratio	16:9 native, 4:3 compatible	16:9 native, 4:3 compatible	16:10 native, 16:9/4:3 compatible
Brightness ¹	4700 ANSI lumens	4500 ANSI lumens	4200 ANSI lumens
Contrast	10,000:1	10,000:1	15,000:1
Lamp life (max hrs) ³	4000	4000	7,000
Noise level (typical) ²	28dB	28dB	32dB
Weight (kg)	3.6	3.6	2.99
Dimensions (W x D x H mm)	326 x 254 x 104	326 x 254 x 104	315 x 224 x 114
Throw ratio	1.59 ~ 1.91:1	1.59 ~ 1.91:1	1.4 ~ 2.24:1
Zoom type	1.2x manual	1.2x manual	1.6x manual
Image size (native)	0.72 - 8.67m (28.41" - 341.28") diagonal 16:9	0.72 - 8.67m (28.41" - 341.28") diagonal 16:9	0.68 - 7.75m (26.94" to 305.1") diagonal 16:10
Keystone correction	±30° vertical	±30° vertical	±40° vertical
Offset	±30° vertical	115%	99%
Lens shift	-	-	V: +17%
Connections	2x HDMI, DisplayPort, 2x VGA (YPbPr/RGB), S-Video, Composite, 2x Audio in (RCA/3.5mm) VGA out, Audio out 3.5mm, RJ45, RS232, 12V trigger, 3D-sync, USB service	2x HDMI (1.4a 3D support), DisplayPort, 2x VGA (RGB/YPbPr), S-Video, Composite, 2x Audio in (RCA/3.5mm), Audio out 3.5mm, VGA out, RJ45, RS232, USB remote mouse, 12V trigger, 3D-sync	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, USB service trigger, 3D-sync
Speaker (W)	3	3	10
Optional wireless	WPS dongle / WPS Pro	WPS dongle / WPS Pro	HDCast Pro / WPS Pro / WPS / WHD2000
Bag	✓	✓	-
Features	Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™	Vertical lens shift, Horizontal keystone, Crestron RoomView™, PJLink™
			

Desktop / Install








Model name	EH400+	EH300	W416	W402
				
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	WXGA (1280 x 800)	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	16:10 native, 16:9/4:3 compatible
Brightness ¹	4,000 ANSI lumens	3800 ANSI lumens	4500 ANSI lumens	4500 ANSI lumens
Contrast	22,000:1	15,000:1	20,000:1	20,000:1
Lamp life (max hrs) ³	8,000	6000	7,000	7000
Noise level (typical) ²	29dB	26dB	32dB	31dB
Weight (kg)	2.52	3.1	2.99	2.57
Dimensions (W x D x H mm)	298 x 230 x 96.5	324 x 234 x 97	315 x 224 x 114	315 x 224 x 102
Throw ratio	1.13 - 1.47:1	1.5 ~ 1.8:1	1.47 ~ 2.35:1	1.28 ~ 1.536:1
Zoom type	1.3x	1.2x manual	1.6x manual	1.2x manual
Image size (native)	0.58 - 6.4m (22.9" - 300") Diagonal 16:9	0.77 - 9.19m (30.15" - 361.75") diagonal 16:9	0.65 - 7.7m (25.66" to 303.2") diagonal 16:10	0.93 - 7.65m (36.6" - 301") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	116%	116%	96.20%	112.4%
Lens shift	-	-	V: + 16.2%	-
Connections	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45, USB-A Power/Service	2x HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in 3.5mm, Audio out 3.5mm, VGA out, RS232, USB remote mouse/service, 3D-sync	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, RJ45, RS232, USB service	HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, USB mouse/service, 3D-sync
Speaker (W)	10	16	10	10
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	WPS dongle (up to WXGA) / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	WPS Pro / WPS dongle / WHD200
Bag	-	✓	-	✓
Features	Crestron RoomView™, PJLink		Vertical lens shift, Crestron RoomView™, PJLink™	Crestron RoomView™, PJLink™
				

Projectors

Desktop / Install







Model name	W400+	W355	W354
			
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	4000 ANSI lumens	3600 ANSI lumens	3400 ANSI lumens
Contrast	22,000:1	22,000:1	18,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB
Weight (kg)	2.52	2.52	2.52
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.19 - 1.54:1	1.19 ~1.54:1	1.19 ~1.54:1
Zoom type	1.3x	1.3x	1.3x
Image size (native)	0.92 - 7.65m (36.1" - 301.1") Diagonal 16:10	0.92 - 7.65m (36.1" to 301.1") diagonal 16:10	0.92 - 7.65m (36.1" to 301.1") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	112.4%	112.4%	112.4%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45, USB-A Power/Service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45, USB-A Power/Service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45, USB-A Power/Service
Speaker (W)	10	16	16
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	Crestron RoomView™, PJ Link	Crestron RoomView™, PJ Link	Crestron RoomView™, PJ Link
			

Desktop / Install









Model name	X600	X416	X402	X400+
				
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:10 native, 16:9/4:3 compatible
Brightness ¹	6000 ANSI lumens	4300 ANSI lumens	4200 ANSI lumens	4000 ANSI lumens
Contrast	10,000:1	20,000:1	20,000:1	22,000:1
Lamp life (max hrs) ³	4000	7,000	7,000	10,000
Noise level (typical) ²	28dB	32dB	31dB	29dB
Weight (kg)	3.6	2.99	2.57	2.52
Dimensions (W x D x H mm)	326 x 254 x 104	315 x 224 x 114	315 x 224 x 102	298 x 230 x 96.5
Throw ratio	1.8 ~ 2.1:1	1.39 ~ 1.9:1	1.6 ~ 1.92:1	1.19 - 1.54:1
Zoom type	1.15x manual	1.36x manual	1.2x manual	1.3x
Image size (native)	0.71 - 8.34m (28.01" - 328.38") diagonal 4:3	0.85 ~ 7.63m (33.62" to 300.7") diagonal 4:3	0.78 - 7.79m (30.8" - 307") diagonal 4:3	0.92 - 7.65m (36.1" - 301.1") Diagonal 16:10
Keystone correction	± 30° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	112%	98.10%	115%	115%
Lens shift	-	V: +16.9%	-	-
Connections	2x HDMI (1.4a 3D support), DisplayPort, 2x VGA (RGB/YPbPr), S-Video, Composite, 2x Audio in (RCA/3.5mm), Audio out 3.5mm, VGA out, RJ45, RS232, USB service, 12V trigger, 3D-sync	2x HDMI (1.4a 3D support) + MHL v2.2, 1x VGA (YPbPr/RGB/Wireless), Composite, 2x Audio in 3.5mm, Audio out 3.5mm, USB-A power (1A), RJ45, RS232, USB service 3D-sync	HDMI (1.4a 3D support), 2x VGA (YPbPr/RGB), Composite, 2x Audio in 3.5mm, VGA out, Audio out 3.5mm, RJ45, RS232, USB mouse/service, 3D-sync	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45, USB-A Power/Service
Speaker (W)	3	10	10	10
Optional wireless	WPS Pro / WPS dongle	HDCast Pro / WPS Pro / WPS / WHD200	WPS dongle / WPS Pro / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	✓	-	✓	-
Features	Crestron RoomView™, PJLink™	Vertical lens shift, Horizontal keystone, Crestron RoomView™, PJLink	Crestron RoomView™, PJLink™	Crestron RoomView™, PJ Link
				

Projectors

Desktop / Install















Model name	X355	X354	EH345
			
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	1080p (1920 x 1080)
Aspect ratio	4:3 native, 16:9 compatible	4:3 native, 16:9 compatible	16:9 native, 4:3 compatible
Brightness ¹	3500 ANSI lumens	3300 ANSI lumens	3200 ANSI lumens
Contrast	22,000:1	18,000:1	22,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB
Weight (kg)	2.52	2.52	2.47
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.49~1.93:1	1.49~1.93:1	1.13-1.47:1
Zoom type	1.3x	1.3x	1.3x
Image size (native)	0.78 - 7.65m (30.6" to 301.1") diagonal 4:3	0.78 - 7.65m (30.6" to 301.1") diagonal 4:3	1.01 - 7.62m (39.92" to 299.81") diagonal 16:9
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	116%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45 USB-A Power/Service	2x HDMI (1.4a 3D support) + MHL, 2x VGA (YPbPr/RGB), Composite, S-Video, 2x Audio in, VGA out, Audio out, RS232, RJ45 USB-A Power/Service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Audio in, VGA out, Audio out, RS232, USB-A Power
Speaker (W)	16	16	10
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	Crestron RoomView™, PJLink™	Crestron RoomView™, PJ Link	
			

Mobile


Model name	EH341	EH331	EH330	DH1010i
				
Resolution	1080p (1920 x 1080)	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	16:9 native, 4:3 compatible
Brightness ¹	3500 ANSI lumens	3300 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens
Contrast	20,000:1	22,000:1	20,000:1	20,000:1
Lamp life (max hrs) ³	7000	10,000	6500	10,000
Noise level (typical) ²	29dB	29dB	26dB	29dB
Weight (kg)	2.55	2.17	2.45	2.17
Dimensions (W x D x H mm)	315 x 224 x 102	298 x 230 x 96.5	315 x 224 x 114	298 x 230 x 96.5
Throw ratio	1.48 - 1.62:1	1.48 - 1.62:1	1.48 ~ 1.62:1	1.48 - 1.62:1
Zoom type	1.1x manual	1.1x manual	1.1x manual	1.1x manual
Image size (native)	1.06 - 7.75m (41.8" - 305") Diagonal 16:9	0.71 - 7.75m (27.88" - 305.3") Diagonal 16:9	1.06 - 7.67m (41.8" - 300") diagonal 16:9	0.71 - 7.75m (27.88" - 305.3") Diagonal 16:9
Keystone correction	±30° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	116%	116%	116%	116%
Lens shift	-	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL v1.2, VGA (RGB/YPbPr), USB-A power, RS232, USB mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	10	10	10	2
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WHD200	WPS Pro / WPS / WHD200
Bag	-	-	-	-
Features				
				

Projectors

Mobile
















Model name	DH1009i	W400	W345
			
Resolution	1080p (1920 x 1080)	WXGA (1280 x 800)	WXGA (1280 x 800)
Aspect ratio	16:9 native, 4:3 compatible	16:10 native, 16:9/4:3 compatible	16:10 native, 16:9/4:3 compatible
Brightness ¹	3200 ANSI lumens	4000 ANSI lumens	3300 ANSI lumens
Contrast	20,000:1	22,000:1	22,000:1
Lamp life (max hrs) ³	8000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB
Weight (kg)	2.38	2.41	2.41
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.48 - 1.62:1	1.55 - 1.73:1	1.19 ~1.54:1
Zoom type	1.1x manual	1.1x	1.3x
Image size (native)	1.06 - 7.75m (41.8" - 305") diagonal 16:9	0.68 - 8.04m (26.78" - 316.5") Diagonal 16:10	0.92 - 7.65m (36.1" to 301.1") diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	112.4%	112.4%	112.4%
Lens shift	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm, 12V trigger, 3D-sync, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA Out, Audio out, RS232, USB-A Power/Service.	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA out, Audio out, RS232, USB-A Power/Service
Speaker (W)	10	2	2
Optional wireless	HDCast Pro / WPS Pro / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	          		

Mobile





















Model name	W344	W341	W340	W331
				
Resolution	WXGA (1280 x 800)	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	16:10 native, 16:9/4:3 compatible
Brightness ¹	3000 ANSI lumens	3600 ANSI lumens	3400 ANSI lumens	3300 ANSI lumens
Contrast	22,000:1	22,000:1	20,000:1	22,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB	29dB
Weight (kg)	2.41	2.17	2.17	2.17
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.19 ~1.54:1	1.55 ~ 1.73:1	1.55 ~ 1.73:1	1.55 ~ 1.73:1
Zoom type	1.3x	1.1x manual	1.1x manual	1.1x manual
Image size (native)	0.92 - 7.65m (36.1" to 301.1") 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	0.68 - 8.04m (26.78" - 316.5") Diagonal 16:10
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	112.4%	112.4%	112.4%	112.4%
Lens shift	-	-	-	-
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA out, Audio out, RS232, USB-A Power/Service	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	2x HDMI (1.4a 3D support) + MHL, VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	2	10	10	2
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	WPS Pro / WPS / WHD200
Bag	-	-	-	-
Features	             			

Projectors

Mobile
















Model name	W330	X400	X345
			
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
Brightness ¹	3000 ANSI lumens	4000 ANSI lumens	3200 ANSI lumens
Contrast	20,000:1	22,000:1	22,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB
Weight (kg)	2.17	2.41	2.41
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.55 - 1.73:1	1.94 - 2.16:1	1.4 8~1.93:1
Zoom type	1.1x manual	1.1x	1.3x
Image size (native)	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" to 301.1") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Offset	112.4%	115%	115%
Lens shift	-	-	-
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA Out, Audio out, RS232, USB-A Power/ Service.	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA out, Audio out, RS232, USB-A Power/Service
Speaker (W)	2	2	2
Optional wireless	WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	  	    	   

Mobile















Model name	X344	X341	X340	DX349
				
Resolution	XGA (1024 x 768)	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	4:3 native, 16:9 compatible
Brightness ¹	3000 ANSI lumens	3300 ANSI lumens	3100 ANSI lumens	3000 ANSI lumens
Contrast	22,000:1	22,000:1	22,000:1	20,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB	29dB
Weight (kg)	2.41	2.17	2.17	2.17
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.4 8~1.93:1	1.94 - 2.16:1	1.94 - 2.16:1	1.94 - 2.16:1
Zoom type	1.3x	1.1x manual	1.1x manual	1.1x manual
Image size (native)	0.78 - 7.65m (30.6" to 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	0.71 - 7.73m (27.78" - 304.4") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	115%	115%
Lens shift	-	-	-	-
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Composite, Audio in, VGA out, Audio out, RS232, USB-A Power/Service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)
Speaker (W)	2	2	2	2
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-	-
Features	   	   	   	   

Projectors

Mobile








Model name	S341	S340	DS349
			
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
Brightness ¹	3500 ANSI lumens	3300 ANSI lumens	3300 ANSI lumens
Contrast	22,000:1	22,000:1	20,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB
Weight (kg)	2.17	2.17	2.17
Dimensions (W x D x H mm)	298 x 230 x 96.5	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), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, VGA out, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A Power (1A)
Speaker (W)	2	2	2
Optional wireless	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200	HDCast Pro / WPS Pro / WPS / WHD200
Bag	-	-	-
Features	   	   	   

Mobile

Model name	S331	DS348	S321	DS347
				
Resolution	SVGA (800 x 600)	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	4:3 native, 16:9 compatible
Brightness ¹	3200 ANSI lumens	3000 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens
Contrast	22,000:1	20,000:1	22,000:1	20,000:1
Lamp life (max hrs) ³	10,000	10,000	10,000	10,000
Noise level (typical) ²	29dB	29dB	29dB	29dB
Weight (kg)	2.17	2.17	2.17	2.17
Dimensions (W x D x H mm)	298 x 230 x 96.5	298 x 230 x 96.5	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	1.94-2.16:1
Zoom type	1.1x manual	1.1x manual	1.1x manual	1.1x manual
Image size (native)	0.58 - 7.62m (22.9" - 300") diagonal 4:3	0.58 - 7.62m (22.9" - 300") diagonal 4:3	0.58 - 7.62m (22.9" - 300") diagonal 4:3	0.58 - 7.62m (22.9" - 300") diagonal 4:3
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
Offset	115%	115%	115%	115%
Lens shift	-	-	-	-
Connections	2x HDMI (1.4a 3D support) + MHL, Audio out 3.5mm, USB-A power(1A)	2x HDMI (1.4a 3D support) + MHL, Audio out 3.5mm, USB-A power(1A)	VGA (YPbPr/RGB), Composite, USB service	VGA (YPbPr/RGB), Composite, USB service
Speaker (W)	-	-	-	-
Optional wireless	HDCast Pro / WPS Pro / WHD200	HDCast Pro / WPS Pro / WHD200	WPS dongle / WPS Pro	WPS dongle / WPS Pro
Bag	-	-	-	-
Features	   	   		






Projectors

Ultra mobile

Model name	W304M	X304M	ML750ST
			
Resolution	WXGA (1280 x 800)	XGA (1024 x 768)	WXGA (1280 x 800)
Aspect ratio	16:10 native, 16:9, 4:3 compatible	4:3 native, 16:9 compatible	16:10 native, 16:9, 4:3 compatible
Brightness ¹	3100 ANSI lumens	3000 ANSI lumens	800 LED brightness ⁵
Contrast	10,000:1	10,000:1	20,000:1
Lamp life (max hrs) ³	5000	5000	20,000 (LED life)
Noise level (typical) ²	33dB	33dB	22dB
Weight (kg)	1.4	1.4	0.42
Dimensions (W x D x H mm)	220 x 178 x 71	220 x 178 x 71	112.5 x 123 x 57
Throw ratio	1.53 ~ 1.76:1	1.9 ~ 2.2:1	0.8:1
Zoom type	1.15x manual	1.15x manual	Fixed
Image size (native)	0.68 - 6.54m (31.65" - 303.44") diagonal 16:10	0.68 - 5.26m (33.58" - 259.25") diagonal 4:3	0.63 - 5.08m (25" - 200") diagonal 16:10
Keystone correction	±30° vertical	±30° vertical	±40° vertical (auto)
Offset	114%	114%	100%
Lens shift	-	-	-
Connections	HDMI (1.4a 3D support), VGA (Wireless/YPbPr/RGB), Composite, Audio in 3.5mm, Audio out 3.5mm, USB remote mouse	HDMI (1.4a 3D support), VGA (Wireless/YPbPr/RGB), Composite, Audio in 3.5mm, Audio out 3.5mm, USB remote mouse	HDMI + MHL v2.0, Universal I/O - VGA, Audio out 3.5mm, microSD card slot, USB-A reader/wireless
Speaker (W)	1	1	1.5
Optional wireless	WPS dongle / WHD200	WPS dongle / WHD200	WUSB
Bag	✓	✓	✓
Features	Smallest and brightest WXGA Projector	Smallest and brightest XGA Projector	Native office viewer, Media player, 3GB memory, LED light source, Optional wireless presenting, 17ms Input lag
			   

Ultra mobile LED

Ultra mobile LED

Model name	ML750e
	
Resolution	WXGA (1280 x 800)
Aspect ratio	16:10 native, 16:9, 4:3 compatible
Brightness ⁵	700 LED brightness ⁵
Contrast	15,000:1
Lamp life (max hrs)	20,000 (LED life)
Noise level (typical)	30dB
Weight (kg)	0.38
Dimensions (W x D x H mm)	105 x 106 x 39
Throw ratio	1.5:1
Zoom type	Fixed
Image size (native)	0.43 - 2.54m (17" - 100") diagonal 16:10
Keystone correction	±40° vertical
Offset	100%
Lens shift	-
Connections	HDMI + MHL v1.0, Universal I/O - VGA / Audio out 3.5mm, microSD card slot, USB-A reader/wireless
Speaker (W)	1
Optional wireless	WUSB
Bag	✓
Features	Native office viewer, Media player, 1.5GB memory, LED light source, Optional wireless presenting
	   






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	HD91+	HD50	HD161X
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Brightness ¹	1300 ANSI lumens	2200 ANSI lumens	2000 ANSI lumens
Contrast	600,000:1	50,000:1	40,000:1
Lamp life (max hrs) ³	20,000 (LED life)	7000	7000
Noise level (typical) ²	23dB	29dB	29dB
Weight (kg)	7	3.8	3.8
Dimensions (W x D x H mm)	345 x 443 x 161.5	286 x 266 x 124	286 x 266 x 124
Throw ratio	1.5 ~ 2.89:1	1.39 ~ 2.09:1	1.39 ~ 2.09:1
Zoom type	1.9x manual	1.5x manual	1.5x manual
Images size (native)	0.76 - 7.67m (30° - 300°) Diagonal 16:9	0.76 - 7.67m (30° - 300°) Diagonal 16:9	0.76 - 7.67m (30° - 300°) Diagonal 16:9
Offset	0%	115%	215%
Keystone correction	±30° vertical	±30° vertical	±30° vertical
Lens shift	V: ±60% / H: ±10%	V: +15%	V: +15%
Connections	2x HDMI (v1.4a 3D), Component Video, VGA (YPbPr/RGB), Composite, RS232, 2x 12V trigger, 3D-sync, USB-A power, USB service	2x HDMI (1.4a 3D support), VGA (RGB/YPbPr), Component, Composite, RS232, 12V trigger, 3D-sync, USB-A power, USB service	2x HDMI (1.4a 3D support), VGA (RGB/YPbPr), Component, Composite, RS232, 12V trigger, 3D-sync, USB-A power, USB service
Speaker (W)	-	-	-
Optional wireless	WHD200	WHD200	WHD200
Features	LED technology, DynamicBlack, PureMotion, Lens shift ±60% V, ±10% H	Vibrant colours, DynamicBlack technology, PureMotion, Vertical lens shift +15%	Vibrant colours, DynamicBlack technology, PureMotion, Vertical lens shift +15%

Home

























Model name	GT5500	GT5000	HD36	HD151X
				
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Brightness ¹	3500 ANSI lumens	3000 ANSI lumens	3000 ANSI lumens	2800 ANSI lumens
Contrast	25,000:1	23,000:1	30,000:1	28,000:1
Lamp life (max hrs) ³	6500	6500	4000	4000
Noise level (typical) ²	28dB	28dB	27dB	27dB
Weight (kg)	4.78	4.78	4.5	4.5
Dimensions (W x D x H mm)	385 x 310 x 99	385 x 310 x 99	386 x 280 x 162	386 x 280 x 162
Throw ratio	0.25:1	0.25:1	1.37 ~ 2.05:1	1.37 ~ 2.05:1
Zoom type	Fixed	Fixed	1.5x manual	1.5x manual
Images size (native)	2.03 ~ 2.54m (80° ~ 100°) Diagonal 16:9	2.03 ~ 2.54m (80° ~ 100°) Diagonal 16:9	0.76 - 7.67m (30° - 300°) Diagonal 16:9	0.76 - 7.67m (30° - 300°) Diagonal 16:9
Offset	118%	118%	115%	115%
Keystone correction	±20° vertical	±20° vertical	±40° vertical	±40° vertical
Lens shift	-	-	V: +17%	V: +17%
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, USB service	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, USB service	HDMI (1.4a 3D support), DVI-D, 2x VGA (RGB/YPbPr), Composite, S-Video, 3x Audio in (RCA/3.5mm), Mic in, VGA out, Audio out, RS232, 12V trigger, 3D-sync, USB service, USB-A power	HDMI (1.4a 3D support), DVI-D, 2x VGA (RGB/YPbPr), Composite, S-Video, 3x Audio in, Mic in, VGA out, Audio out, RS232, 12V trigger, 3D-sync, USB service, USB-A power
Speaker (W)	16	16	30	30
Optional wireless	WHD200	WHD200	WHD200	WHD200
Features	100° @ 0.55m	100° @ 0.55m	Vibrant colours, DynamicBlack technology, Vertical lens shift +20%	Vibrant colours, DynamicBlack technology, Vertical lens shift +20%

Projectors

Home

Model name	HD28DSE	HD27	HD142X
			
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)
Brightness ¹	3000 ANSI lumens	3200 ANSI lumens	3000 ANSI lumens
Contrast	30,000:1	25,000:1	23,000:1
Lamp life (max hrs) ³	8000	8000	8000
Noise level (typical) ²	29dB	26dB	26dB
Weight (kg)	2.58	2.38	2.38
Dimensions (W x D x H mm)	315 x 224 x 114	298 x 230 x 96.5	298 x 230 x 96.5
Throw ratio	1.48 ~ 1.62:1	1.48 ~ 1.62:1	1.48 ~ 1.62:1
Zoom type	1.1x manual	1.1x manual	1.1x manual
Keystone correction	±40° vertical	±40° vertical	±40° vertical
Connections	2x HDMI (1.4a 3D support) + MHL v1.2, Audio out 3.5mm, USB-A power (0.9A), 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)	2x HDMI (1.4a 3D support) + MHL v2.2, Audio out 3.5mm 12V trigger, 3D-sync, USB-A Power (1A)
Speaker (W)	10	10	10
Video compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Optional wireless	WHD200	WHD200 / HDCast Pro	WHD200 / HDCast Pro
Features	DynamicBlack technology	DynamicBlack technology	DynamicBlack technology
	      	    	    

Home

Model name	GT1080e	GT1070Xe	GT760	H114
				
Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	720p (1280 x 800 native)	720p (1280 x 800 native)
Brightness ¹	3000 ANSI lumens	2800 ANSI lumens	3400 ANSI lumens	3400 ANSI lumens
Contrast	25,000:1	23,000:1	20,000:1	27,000:1
Lamp life (max hrs) ³	6500	6500	6000	7000
Noise level (typical) ²	26dB	26dB	29dB	29dB
Weight (kg)	2.65	2.65	2.55	2.17
Dimensions (W x D x H mm)	315 x 224 x 114	315 x 224 x 114	288 x 220 x 86	298 x 230 x 96.5
Throw ratio	0.49:1	0.49:1	0.52:1	1.55 ~ 1.73:1
Zoom type	Fixed	Fixed	Fixed	1.1x manual
Keystone correction	±40° vertical	±40° vertical	±40° vertical	±40° vertical
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	HDMI (1.4a 3D support), 2x VGA (RGB/YpPr/ Wireless), S-Video, Composite, Audio in 3.5mm, Audio out 3.5mm, VGA out, RS232, USB remote mouse/service	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	10	10	2	2
Video compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Optional wireless	WHD200	WHD200	WHD200	WHD200
Features	DynamicBlack technology	DynamicBlack technology		
	    	    	    	    

Projectors

Home

Model name

H183X



Resolution	720p (1280 x 800 native)
Brightness ¹	3200 ANSI lumens
Contrast	25,000:1
Lamp life (max hrs) ³	7000
Noise level (typical) ²	29dB
Weight (kg)	2.17
Dimensions (W x D x H mm)	298 x 230 x 96.5
Throw ratio	1.55 ~ 1.73:1
Zoom type	1.1x manual
Keystone correction	±40° vertical
Connections	HDMI (1.4a 3D support), VGA (YPbPr/RGB), Video, Audio in 3.5mm, Audio out 3.5mm, RS232, USB-A mouse/service
Speaker (W)	2
Video compatibility	480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p60, 1080p50, HDMI 1.4a 3D
Optional wireless	WHD200
Features	

Optoma

Projection Mapper

Get even more from your projector
Great for parties, businesses, DJs and home use!

Transform any space
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optoma.com/projection-mapper

Amazing Colour

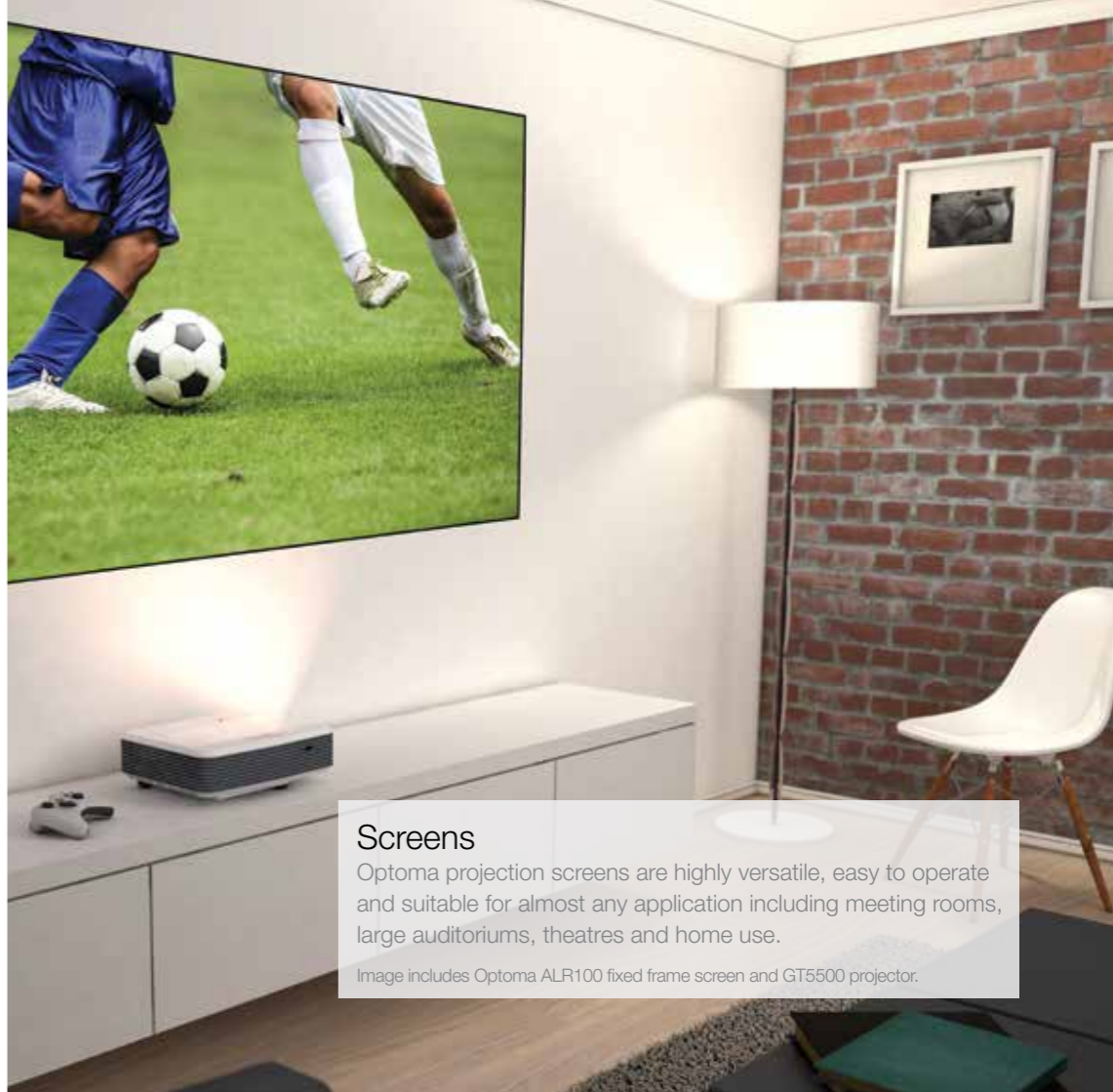
Amazing Colour technology offers vibrant, accurate and long-lasting colour performance to match any application or environment – whether it is for business, education or home entertainment.

For more information visit optoma.eu/amazingcolour

Optoma

Optoma genuine lamp modules are designed specifically and uniquely for Optoma projectors.

To read more please visit www.optoma.com






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 fixed frame screen and GT5500 projector.

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-1095PMG+	DS-1109PMG+	DS-1123PMG+
			
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	2340 x 1463	2656 x 1660
Diagonal viewing (inch)	95	109	123
Black border R & L (mm)	50	47	50
Black border bottom (mm)	60	40	40
Black border top (mm)	300	300	300
Weight (kg)	11.3	13.38	20
Case dimensions (W x D x H mm)	2250 x 112 x 86 (including brackets)	2554 x 112 x 86 (including brackets)	2920 x 118 x 132

Manual pull down

Model name	DS-9072PWC	DS-9084PMG+	DS-9092PWC	DS-9106MGA
				
Format	16:9	16:9	16:9	16:9
Gain	1	1	1	1
Screen material	Matte white	Matte white	Matte white	Matte white
Viewing size (W x H mm)	1594 x 897	1860 x 1045	2030 x 1145	2340 x 1320
Diagonal viewing (inch)	72	84	92	106
Black border R & L (mm)	50	50	50	47
Black border bottom (mm)	55	35	60	45
Black border top (mm)	300	300	300	300
Weight (kg)	8.96	9.92	11.3	13.38
Case dimensions (W x D x H mm)	1814 x 112 x 86 (including brackets)	2080 x 112 x 86 (including brackets)	2250 x 112 x 86 (including brackets)	2554 x 112 x 86


Tab tension

Model name	DE-9106ETT-B	DE-1109ETT	DE-1123ETT	DE-3100EGA
				
Format	16:9	16:10	16:10	4:3
Gain	1	1	1	1
Screen material	PS series flexible fabric, matte white	PS series flexible fabric, matte white	PS series flexible fabric, matte white	Matte white
Viewing size (W x H mm)	2346 x 1320	2346 x 1466	2656 x 1660	2030 x 1520
Diagonal viewing (inch)	106	109	123	100
Black border R & L (mm)	80	80	80	50
Black border bottom (mm)	55	55	55	55
Black border top (mm)	400	400	400	80
Weight (kg)	18.4	18.4	20.7	12.5
Case dimensions (W x D x H mm)	2843 x 142 x 152	2843 x 142 x 152	3158 x 142 x 152	2280 x 108 x 113




Electric

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

Model name	DE-9120EGA	DE-1095EGA	DE-1109EGA	DE-1123EGA
				
Format	16:9	16:10	16:10	16:10
Gain	1	1	1	1
Screen material	Matte white	Matte white	Matte white	Matte white
Viewing size (W x H mm)	2656 x 1494	2030 x 1269	2340 x 1463	2340 x 1755
Diagonal viewing (inch)	120	95	109	120
Black border R & L (mm)	50	50	47	50
Black border bottom (mm)	55	50	50	50
Black border top (mm)	300	300	300	300
Weight (kg)	16	12.27	14.2	16
Case dimensions (W x D x H mm)	2983 x 108 x 113	2280 x 108 x 113	2590 x 108 x 113	2906 x 108 x 113

Manual pull up

Model name	DP-1082MWL	DP-1095MWL	ALR100
			
Format	16:10	16:10	16:9
Gain	1	1	0.42
Screen material	Matte white	Matte white	Ambient light rejecting
Viewing size (W x H mm)	1770 x 1106	2030 x 1267	2214 x 1245
Diagonal viewing (inch)	82	95	100
Black border R & L (mm)	28	35	-
Black border bottom (mm)	907	698	-
Black border top (mm)	25	35	-
Weight (kg)	6.46	7.5	13
Case dimensions (W x D x H mm)	1930 x 115 x 155	2192 x 115 x 155	2330 x 380 x 160

Fixed frame



Optoma ALR100 screen compared to a standard front projection screen - in a brightly lit room.

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, VISA Mounting supported	Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VISA Mounting supported	Image rotation, mirror, freeze, compare, built-in mic, built-in speaker, VISA Mounting supported

Document cameras

Model name	DC554
	
Resolution	XGA, UXGA, 720, 1080 and 4K support
Camera	13MP
Zoom	17x optical, 8x digital
SD card support	✓
Video recording	✓ (via USB or SD card)
Microscope adaptors	✓
Connections	VGA in/out, HDMI in/out
SmartDC	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, VISA Mounting supported



Accessories

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

Accessories

Ceiling mount

OCM818B-RU / OCM818W-RU



Universal flush ceiling mount – available in black and white.

Ceiling mount

OCM815B / OCM815W



Universal pole ceiling mount – available in black and white, with extension pole.

Wall mount

OWM2000



Wall mount with adjustable mounting plate for easy installation. Designed for the Optoma ultra short throw projector range.

Wall mount

OWM3000



Compact wall mount with vertical adjustment and adjustable mounting plate for easy installation. Designed for the Optoma ultra short throw projector range.

Wall mount

OWM855W



Telescopic wall mount with height adjustment plate for easy installation. Designed for the Optoma 305ST / 316ST / 415ST short throw projector range.

Table mount

OTM2000



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.

Wall mount adapter

EWMA2000



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).

Wireless HDMI

WHD200



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.

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

Accessories

Wireless USB adapter

WUSB



WUSB lets you share photos, presentations and videos wirelessly. Ideal for use with Optoma ML750e and ML750ST.

WPS dongle

BI-EXTBG03



WPS dongle lets you connect and display presentation and video material wirelessly. External power adaptor (supplied) may be required.

HDCast Pro

H1AM60000001



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 AirPlay®, Miracast™ and DLNA™.

WPS Pro

H1AXW0000007



Collaborate and share content on a big screen wirelessly. The powerful WPS Pro enables multiple users to share their presentations in Full HD 1080p from a laptop to a projector with ease. Presenters can even project photos and view documents from a mobile device.

Universal carry bag

SP.8EF08GC01



Lightweight, durable and comes with a strap. Compatible with most Optoma projectors.

GT5500 / 5000 carry bag

SP.72801GC01



Lightweight, durable and comes with a strap. Compatible with GT5500 / 5000 Optoma projectors.

ZF2300 3D glasses

Starter kit - E1A3E0000001
Glasses - E1A3E0000002



- Wireless technology
- Rechargeable
- Only 39g
- Up to 60 hours battery life
- Up to 15m range
- Included in the box: soft carry bag, cleaning cloth and charging cable.
- Compatible with Optoma projectors with 3D sync connection.

ZD302 3D glasses

E1A3E0000003



- 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

Icons



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.



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.



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. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



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).



Eco+

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



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.



USB power

USB power can be used to power a HDMI dongle, such as Google Chromecast or the Optoma WHD200 wireless HDMI device.



Speakers

Built-in speakers provide exceptional sound quality and are easy to set up without the need for costly external speakers.



Vertical lens shift

Vertical lens shift gives you the ability to move the projected image up or down, 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.



Full lens shift

Full 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.



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.



Ultra short throw

An ultra short throw lens produces an impressive image greater than 100 inches from less than a metre away. This means you can place the projector closer to the wall, reducing shadows so you can present with ease; perfect for interactive applications.



Short throw

A short throw lens produces larger screen sizes from a shorter distance. This means you can get a 100 inch image, with the projector placed just over a metre away from the screen or wall.



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.



SRS WOW HD™

WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.



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.



DARBEE

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

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 between 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.



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