

## Optoma Projector Range



## UltraMobileLED

## Ultra mobile



ML1000P



ML550



ML750



ML1000P

	ML1000P	ML550	ML750	ML1000P
Resolution	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	1000 lumens	500 ANSI Lumens (LED)	700 LED Brightness*	1000 lumens
Contrast	15,000:1 (full on/full off)	10,000:1	10,000:1	15,000:1 (full on/full off)
Noise Level (Eco mode)	30dB	30dB	30dB	30dB
Weight (kg)	1.36	0.38	0.38	1.36
Lamp Life <sup>2</sup> (hrs)	20,000 hours LED Bright	20,000 hours LED Life Bright	20000 Bright	20,000 hours LED Bright
Dimensions (WxDxHmm)	10.6" x 6.7" x 1.9" (269 x 170 x 48 mm)	105 x 106 x 39	4.1" x 4.2" x 1.5"	10.6" x 6.7" x 1.9" (269 x 170 x 48 mm)
Image Size	17"-100" (5.2-30.5 m)	0.43 - 2.54m (17" - 100") Diagonal 16:10	0.43 - 2.54m (17" - 100") Diagonal 16:10	17"-100" (5.2-30.5 m)
Throw Ratio	1.4 (distance/width)	1.5:1	1.5:1	1.4 (distance/width)
Zoom Type	1.7x	-	-	1.7x
Keystone Correction	±30° Vertical, auto keystone correction	±40° Vertical	±40° Vertical	±30° Vertical, auto keystone correction
Connections	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card	HDMI/MHL, Universal I/O - VGA / Audio Out 3.5mm, microSD-slot, USB Type A (Reader/Wireless)	HDMI + MHL v1.0, Universal I/O - VGA / Audio Out 3.5mm, microSD-slot, USB-A reader/wireless	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	Two 3-Watt speakers	1	1	Two 3-Watt speakers
Bag	Yes	Yes	Yes	Yes
Features		PC-Free Presenting, 1.5GB memory, LED light source	Native office viewer, media player, 1.5GB memory, LED light source, optional wireless presenting	

## Ultra mobile

## Mobile



X304M



W304M



ML1000P



DS331

	X304M	W304M	ML1000P	DS331
Resolution	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800	SVGA 800 x 600
Brightness <sup>1</sup> (Bright mode)	3000 Lumens	3100 Lumens	1000 lumens	3200 lumens
Contrast	10,000:1 (full on/full off)	10,000:1 (full on/full off)	15,000:1 (full on/full off)	20,000:1 (full on/full off)
Noise Level (Eco mode)	33dB	33dB	30dB	28dB
Weight (kg)	1.5	1.5	1.36	2.18
Lamp Life <sup>2</sup> (hrs)	5000 Bright	4000 Bright	20,000 hours LED Bright	6500/7000/6000 Eco+/Dynamic/Eco
Dimensions (WxDxHmm)	8.66" x 7.0" x 2.79" (220 x 178 x 72 mm)	8.66" x 7.0" x 2.79" (220 x 178 x 71 mm)	10.6" x 6.7" x 1.9" (269 x 170 x 48 mm)	11.3" x 7.5" x 4.4" (287 x 190 x 111 mm)
Image Size	0.68m - 5.26m 33.58" - 259.25" Diagonal 4:3	0.68 - 6.54m (31.65" - 303.44") Diagonal 16:10	17"-100" (5.2-30.5 m)	30"-300" (0.76-7.62 m)
Throw Ratio	1.8-2.2:1	1.5-1.76 (distance/width)	1.4 (distance/width)	1.86-2.04
Zoom Type	1.22x Manual Zoom	1.15x manual zoom and focus	1.7x	0.8 ~2.0
Keystone Correction	± 30° Vertical	± 30° Vertical	±30° Vertical, auto keystone correction	±40° Vertical
Connections	HDMI (1.4a 3D support), VGA-In (Wireless/YPbPr/RGB), Composite, Audio-In (3.5mm), Audio-Out (3.5mm), USB-B (remote mouse)	HDMI (1.4a 3D support), VGA (Wireless/YPbPr/RGB), Composite, Audio-In (3.5mm), Audio-Out (3.5mm), USB-B (remote mouse)	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card	Two HDMI v1.4a, RS-232C, USB-A, USB mini-B
Optional Wireless	Yes	Yes	Yes	No
Speaker (Watts)	One 1-Watt speaker	One 1-Watt speaker	Two 3-Watt speakers	N/A
Bag	Yes	Yes	Yes	Yes
Features				-

## Mobile



DW326e



DW339



DX326



DS325

	DW326e	DW339	DX326	DS325
Resolution	WXGA 1280 x 800	WXGA 1280 x 800	XGA 1024 x 768	SVGA 800 x 600
Brightness <sup>1</sup> (Bright mode)	3000 lumens	2600 lumens	2800 lumens	2800 ANSI Lumens
Contrast	13,000:1 (full on/full off)	5000:1	13,000:1 (full on/full off)	15,000:1
Noise Level (Eco mode)	28dB	32dB/34dB	28dB	28dB
Weight (kg)	2.27	2.27	2.27	2.13
Lamp Life <sup>2</sup> (hrs)	6000/5000 Eco/Bright	6500/5000/4500 Eco+/Eco/Bright	6500/6000/4500 Eco+/Eco/Bright	5000 Bright
Dimensions (WxDxHmm)	11.28" x 3.98" x 7.6" (287 x 101 x 193 mm)	11.3" x 3.5" x 9.3" (287 x 88.9 x 236.2 mm)	11.28" x 3.98" x 7.6" (287 x 101 x 193 mm)	286 x 192 x 84
Image Size	27.2"-301" (0.69-7.6 m)	27.2" to 301" (0.7 to 7.64 m)	22.9"-300" (0.58-7.62 m)	0.70 - 7.70m (27.49" - 303.12") Diagonal 4:3
Throw Ratio	1.55-1.7	1.55 to 1.7 (distance/width)	1.9-2.17	1.95 - 2.15:1
Zoom Type	0.8~2.0	-	0.8 ~ 2.0	1.1x Manual
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical	± 40° Vertical
Connections	HDMI v1.4a, VGA-in, VGA-out, S-video, composite video, RS-232C, Audio-in, Audio-out	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, audio-in, audio-out, RS-232, USB-B	VGA-in, HDMI, S-video, composite video, RS-232C, Audio-in, Audio-out, VGA-out	VGA (YPbPr/RGB), S-Video, Composite, RS232
Optional Wireless	No	No	No	Yes
Speaker (Watts)	1 x 2 watt	1 X 2 watt	1 x 2 Watt	-
Bag	No	No	No	No
Features	-	-	-	Eco+

Mobile



S310e



S316



X312



X313

Resolution	SVGA 800 x 600	SVGA 800 x 600	XGA 1024 x 768	XGA 1024 x 768
Brightness <sup>1</sup> (Bright mode)	3200 ANSI Lumens	3200 Lumens	3200 ANSI Lumens	3000 Lumens
Contrast	20,000:1	20,000:1	20,000:1	20,000:1 (full on/full off)
Noise Level (Eco mode)	29dB	29dB	29dB	26dB
Weight (kg)	2.35	2.36	2.36	2.22
Lamp Life <sup>2</sup> (hrs)	5000 Bright	5000 Bright	5000 Bright	4500 Bright
Dimensions (WxDxHmm)	315 x 224 x 102	12.4" x 8.8" x 4.0" (315 x 224 x 102 mm)	12.4" x 4.0" x 8.8" (315 x 102 x 224 mm)	12.4" x 8.8" x 4.6" (316 x 224 x 124 mm)
Image Size			27.5" - 302.8" (0.69 - 7.69 m)	0.69 - 7.62m (27.24" - 300.04") Diagonal 4:3
Throw Ratio	1.95 - 2.15:1	1.95-2.15:1	1.95 - 2.15:1	1.96-2.18
Zoom Type	1.1x Manual	1.1x Manual	1.1x Manual	1.1x Manual
Keystone Correction	± 40° Vertical	± 40° Vertical	± 40° Vertical	± 40° Vertical
Connections	VGA (YPbPr/RGB/Wireless), S-Video, Composite, RS232, USB service	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB/Wireless), S-Video, Composite, 2 x Audio-In (3.5mm), Audio-Out (3.5mm), VGA-Out, RS-232C, USB mini-B	HDMI, VGA-in, S-video, Composite video, Audio-in, Audio-out, RS-232C, USB mini-B	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio-In (3.5mm), Audio-Out (3.5mm), VGA-Out, RS-232C, USB-B (remote mouse/service), USB-A (Power)
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)		2-Watt speaker	2-Watt speaker	2-Watt speaker
Bag	Yes	Yes	Yes	Yes
Features				

Mobile



X316



W311



W303



W312

NEW

Resolution	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	3200 ANSI Lumens	3200 ANSI Lumens	3200 ANSI Lumens	3200 ANSI Lumens
Contrast	20,000:1	20,000:1	20,000:1	20,000:1
Noise Level (Eco mode)	29dB	28dB	26dB	29dB
Weight (kg)	2.35	2	2.21	2.35
Lamp Life <sup>2</sup> (hrs)	5000 Bright	5000 Bright	4500 Bright	7000/6500/6000/5000 Eco+/Dynamic/Eco/Bright
Dimensions (WxDxHmm)	12.4" X 8.8" X 4"	287 x 193 x 113	316 x 224 x 124	315 x 224 x 102
Image Size		0.77 – 9.63m (30.44" - 379") Diagonal 16:10	0.77 – 9.63m (30.44" - 379") Diagonal 16:10	
Throw Ratio	1.95 - 2.15:1	1.47 - 1.83:1	1.47 - 1.83:1	1.55 – 1.7:1
Zoom Type	1.1x Manual	1.2x Manual	1.2x Manual	1.1x Manual
Keystone Correction	± 40° Vertical	± 40° Vertical	± 40° Vertical	± 40° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB service	2x HDMI (1.4a 3D support), Audio Out 3.5mm, RS232, USB remote mouse/service, USB-A Power	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB (Remote Mouse)	HDMI (1.4a 3D support), VGA (YPbPr/RGB), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, RS232, USB service
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	2	2	2	2
Bag	Yes	Yes	Yes	Yes
Features			Eco+, Up to 10,000 hours lamp life - Education Cycle	

Mobile

Desktop/Install



W313



W316



EH415ST



X401

NEW

Resolution	WXGA 1280 x 800	WXGA 1280 x 800	1080p 1920 x 1080	XGA 1024 x 768
Brightness <sup>1</sup> (Bright mode)	3200 ANSI Lumens	3400 ANSI Lumens	3500 ANSI Lumens	4000 ANSI Lumens
Contrast	20,000:1	20,000:1	15,000:1	15,000:1
Noise Level (Eco mode)	26dB	29dB	35dB min	29dB
Weight (kg)	2.5	2.35	3.4	3.23
Lamp Life <sup>2</sup> (hrs)	4500 Bright	5000 Bright		3000 Bright
Dimensions (WxDxHmm)	12.4" x 8.8" x 4.9"	12.4" X 8.8" 4"	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)	324 x 234 x 97
Image Size	0.77 – 9.63m (30.44" - 379") Diagonal 16:10		59.6"–152.6" (1.51–3.87 m)	0.78 - 9.38m (30.79" - 369.43") Diagonal 4:3
Throw Ratio	1.47 - 1.83:1	1.55 – 1.7:1	0.5 (distance/width)	1.6 - 1.92:1
Zoom Type	1.2x Manual	1.1x Manual		1.0 ~ 2.0
Keystone Correction	± 40° Vertical	± 40° Vertical	±20° Vertical	± 40° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB remote mouse/service, USB-A Power	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB service	Two HDMI, VGA-in, VGA-out, composite video, stereo audio-in, RCA stereo audio-in, stereo audio-out, 12V trigger, 3D-VESA, RJ45, RS-232C & mini-USB-B	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB/Wireless), Composite, 3 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB remote mouse/service, 12V trigger, 3D-Sync
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	2	2	10-Watt speaker	16
Bag	Yes	Yes	Yes	Yes
Features				

Desktop/Install



	X402	X600	W351	W401
Resolution	XGA 1024 x 768	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	4200 ANSI Lumens	6000 ANSI Lumens	3800 ANSI Lumens	4500 ANSI Lumens
Contrast	20,000:1	10,000:1	20,000:1	15,000:1
Noise Level (Eco mode)	31dB	28dB	29dB	29dB
Weight (kg)	2.49	3.6	2.57	3.23
Lamp Life <sup>2</sup> (hrs)	3000 Bright	2500 Bright	4000 Bright	3000 Bright
Dimensions (WxDxHmm)	12.4" x 3.9" x 8.8" (314 x 101 x 224 mm)	326 x 254 x 104	315 x 224 x 102	324 x 234 x 97
Image Size		0.71 – 8.34m (28.01" - 328.38") Diagonal 4:3		0.92 - 9.19m (36.3" - 362") Diagonal 16:10
Throw Ratio	1.6–1.92 (distance/width)	1.8 - 2.1:1	1.55 – 1.7:1	1.28 - 1.54:1
Zoom Type	1.2x Manual	1.15x Manual	1.1x Manual	1.0 ~ 2.0
Keystone Correction	± 40° Vertical	± 15° Vertical	± 40° Vertical	± 40° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB mouse/service, RJ45	2 x HDMI, DisplayPort, 2 x VGA (RGB/YPbPr), S-Video, Composite, 2 x Audio In (RCA/3.5mm), Audio Out 3.5mm 3.5mm, VGA Out, RJ45, RS232, USB service, 12V trigger, 3D-Sync	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Mic in (shared with Audio in 2), Audio Out 3.5mm, VGA Out, RS232, USB mouse/service, RJ45	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB/Wireless), Composite, 3 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB remote mouse/service, 12V trigger, 3D-Sync
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)		3	10	16
Bag	Yes	Yes	Yes	Yes
Features				

Desktop/Install

Short throw



	W402	W415	TX785	ZW212ST
Resolution	WXGA 1280 x 800	WXGA 1280 x 800	XGA 1024 x 768	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	4500 ANSI Lumens	4500 ANSI Lumens	5000 lumens	2500 ANSI Lumens
Contrast	20,000:1	15,000:1	2000:1 (full on/full off)	100,000:1
Noise Level (Eco mode)	31dB	32dB	31dB	28dB
Weight (kg)	2.57	3.4	8.21	4.26
Lamp Life <sup>2</sup> (hrs)	3000 Bright	3000 Bright	2000 Bright	20,000 (LED+ Life) Bright
Dimensions (WxDxHmm)	315 x 224 x 102	286 x 266 x 124	16.9" x 13.4" x 7.1" (430 x 340 x 181 mm)	321 x 240 x 95
Image Size		0.76 – 7.62m (30" - 300") Diagonal 16:10	-	1.13 - 5.66m (44.6" - 222.8") Diagonal 16:10
Throw Ratio	1.28 - 1.536:1	1.46 - 2.2:1, Offset: 112%~127%	-	0.52:1
Zoom Type	1.2x Manual	1.5x Manual	-	Fixed
Keystone Correction	± 40° Vertical	± 40° Vertical	± 30° Vertical	± 40° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB mouse/service, RJ45	HDMI, DisplayPort, 2x VGA (RGB/YPbPr), S-Video, Composite, 2 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB service, 12V trigger	HDMI,DVI-D w/ HDCP,Two VGA-In, VGA-Out, S-Video, Composite Video, Component Video, Five BNC (RGBHV/YPbPr), Three Stereo Mini Jack Audio-In, Two RCA Stereo Audio-In, Audio-Out, USB, RS-232, RJ45, and Two 12V Triggers	HDMI, VGA (RGB/YPbPr/SCART), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, USB remote mouse, USB-A reader/wireless), USB display, SD card slot
Optional Wireless	Yes	Yes	No	Yes
Speaker (Watts)	10	10	Two 3-Watt Speakers	Two 2-Watt speakers
Bag	Yes	Yes	No	No
Features			-	

Short throw



	X316ST	X305ST	W305ST	EH415ST
Resolution	XGA 1024 x 768	XGA 1024 x 768	WXGA 1280 x 800	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	3400 ANSI Lumens	3000 ANSI Lumens	3200 ANSI Lumens	3500 ANSI Lumens
Contrast	20,000:1	18,000:1	18,000:1	15,000:1
Noise Level (Eco mode)	29dB	29dB	29dB	35dB min
Weight (kg)	2.76	2.68	2.55	3.4
Lamp Life <sup>2</sup> (hrs)	4000 Bright	4500 Bright	4500 Bright	
Dimensions (WxDxHmm)	314.6 x 223.6 x 101.7	288 x 220 x 86	288 x 220 x 86	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)
Image Size		1.00 - 5.0m (39.34" - 196.71") Diagonal 4:3	1.13 - 5.67m (44.64" - 223.21") Diagonal 16:10	59.6"-152.6" (1.51-3.87 m)
Throw Ratio	0.617:1	0.626:1	0.52:1	0.5 (distance/width)
Zoom Type	1.1x Manual	Fixed	Fixed	
Keystone Correction	± 40° Vertical	± 40° Vertical	± 40° Vertical	± 20° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Mic in (shared with Audio in 2), Audio Out 3.5mm, VGA Out, RS232, USB mouse/service, RJ45	HDMI (1.4a 3D support), 2 x VGA (RGB/YPbPr/Wireless), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB remote mouse/service	HDMI (1.4a 3D support), 2 x VGA (RGB/YPbPr/Wireless), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB remote mouse/service	Two HDMI, VGA-in, VGA-out, composite video, stereo audio-in, RCA stereo audio-in, stereo audio-out, 12V trigger, 3D-VESA, RJ45, RS-232C & mini-USB-B
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	10	One 2-Watt speaker	One 2-Watt speaker	10-Watt speaker
Bag	No	No	No	Yes
Features				

## Short throw

## Ultra short throw



W316ST



EH200ST



TW695UTi-3D



TW695UT-3D

	W316ST	EH200ST	TW695UTi-3D	TW695UT-3D
Resolution	WXGA 1280 x 800	1080p 1920 x 1080	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	3600 lumens	3000 ANSI Lumens	3500 lumens	3500 lumens
Contrast	20,000:1 (full on/full off)	20,000:1	3000:1 (full on/full off)	3000:1 (full on/full off)
Noise Level (Eco mode)	29dB	26dB	30dB/32dB	30dB/32dB
Weight (kg)	2.77	2.65	7.6	7.6
Lamp Life <sup>2</sup> (hrs)	7000/6500/6000/4000 Eco+/Dynamic/Eco/Bright	5000 Bright	2500 Bright	2500 Bright
Dimensions (WxDxHmm)	12.4" x 4.0" x 8.8" (314 x 101 x 224 mm)	315 x 224 x 114	16.8" x 8.27" x 16" (426.5 x 210 x 407 mm)	16.8" x 8.27" x 16" (426.5 x 210 x 407 mm)
Image Size	44.3"-301.2" (diagonal)	1.15 - 7.67m (45.3" - 300") Diagonal 16:9	77"-100" (1.96-2.54 m)	77"-100" (1.96-2.54 m)
Throw Ratio	0.52 (distance/width)	0.49:1	0.3 (distance/width)	0.3 (distance/width)
Zoom Type		Fixed	-	-
Keystone Correction	± 40° Vertical	± 40° Vertical	-	-
Connections	HDMI, two VGA-in, VGA-out, S-video, composite video, audio-in/mic, audio-in, audio-out, RS-232C, RJ45 and USB mini-B	2 x HDMI (1.4a 3D support) + MHL v1.2, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB service	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, RCA stereo audio-in, stereo audio-in, stereo audio-out, microphone-in, 12V trigger, mini USB for interactive pen, mini USB for display, USB for wireless, RJ45 and RS-232	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, RCA stereo audio-in, stereo audio-in, stereo audio-out, mini USB, microphone-in, 12V trigger, RJ45 and RS-232
Optional Wireless	Yes	Yes	No	No
Speaker (Watts)	10-Watt speaker	10	Two 5-Watt speakers, variable audio out, HDMI audio pass-thru	Two 5-Watt speakers, variable audio out, HDMI audio pass-thru
Bag	No	Yes	No	No
Features			-	-

## Ultra short throw



X307UST



X307USTi



W307UST



W307USTi

	X307UST	X307USTi	W307UST	W307USTi
Resolution	XGA 1024 x 768	XGA 1024 x 768	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	3300 ANSI Lumens	3300 ANSI Lumens	3500 ANSI Lumens	3500 ANSI Lumens
Contrast	15,000:1	15,000:1	15,000:1	15,000:1
Noise Level (Eco mode)	30dB	30dB	30dB	30dB
Weight (kg)	7.5	7.5	7.5	7.5
Lamp Life <sup>2</sup> (hrs)	3000 Bright	3000 Bright	3000 Bright	3000 Bright
Dimensions (WxDxHmm)	357 x 367 x 231 (inc feet)	357 x 367 x 231 (inc feet)	357 x 367 x 231 (inc feet)	357 x 367 x 231 (inc feet)
Image Size	1.53 - 2.56m (60.09" - 100.71") Diagonal 4:3	1.53 - 2.56m (60.09" - 100.71") Diagonal 4:3	1.53 - 2.54m (60.09" - 100.02") Diagonal 16:10	1.53 - 2.54m (60.09" - 100.02") Diagonal 16:10
Throw Ratio	0.43:1	0.43:1	0.35:1	0.35:1
Zoom Type	Fixed	Fixed	Fixed	Fixed
Keystone Correction	± 15° Vertical	± 15° Vertical	± 15° Vertical	± 15° Vertical
Connections	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 4 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (interactivity), 12V trigger, Mic In	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 4 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (interactive), 12V trigger, Mic In	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 4 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (interactive), 12V trigger, Mic In	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 4 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (interactive), 12V trigger, Mic In
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	10	10	10	10
Bag	No	No	No	No
Features				

## High Resolution



EH415ST



HD131Xw



DH1009



DH1011

	EH415ST	HD131Xw	DH1009	DH1011
Resolution	1080p 1920 x 1080	WUXGA 1920 x 1200	1080p 1920 x 1080	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	3500 ANSI Lumens	2500 lumens	3200 ANSI Lumens	3500 ANSI Lumens
Contrast	15,000:1	18,000:1 (full on/full off)	20,000:1	13,000:1
Noise Level (Eco mode)	35dB min	26dB	26dB (Eco)	26dB
Weight (kg)	3.4	3.1	2.49	2.9
Lamp Life <sup>2</sup> (hrs)		6000/3500 Eco+/Bright	6500 Bright	
Dimensions (WxDxHmm)	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)	12.7" x 3.8" x 9.2" (323 x 97 x 234 mm)	12.4" x 8.8" x 4.0" (315 x 224 x 102 mm)	12.7" x 9.2" x 3.8" (323 x 234 x 97 mm)
Image Size	59.6"-152.6" (1.51-3.87 m)	37.6"-301.1" (0.7-7.62 m)	41.8" - 305" (1.5 - 10 m)	37.6" - 301.1" (0.7-7.62 m)
Throw Ratio	0.5 (distance/width)	1.5-1.8 (distance/width)	1.48 - 1.62 (distance/width)	1.5 - 1.8 (distance/width)
Zoom Type		0.8 ~ 2.0	0.8 ~ 2.0	1.0 ~ 2.0
Keystone Correction	±20° Vertical	±40° Vertical	± 40° Vertical	± 20° Vertical
Connections	Two HDMI, VGA-in, VGA-out, composite video, stereo audio-in, RCA stereo audio-in, stereo audio-out, 12V trigger, 3D-VESA, RJ45, RS-232C & mini-USB-B	Two HDMI v1.4a, VGA-in, composite video, two audio-in, audio-out, 3D VESA, RS-232C, USB-B	Two HDMI v1.4a, 3D VESA, audio out, USB mini-B, 12V trigger	Two HDMI v1.4a, two VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B
Optional Wireless	Yes	No	Yes	Yes
Speaker (Watts)	10-Watt speaker	1 x 10 Watt	10-Watt	16-Watt stereo speaker system
Bag	Yes	No	No	Yes
Features		-		

High Resolution







	EH300	EH415	EH501	EH500
Resolution	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	3800 ANSI Lumens	4200 ANSI Lumens	5000 ANSI Lumens	4700 ANSI Lumens
Contrast	15,000:1 (full on/full off)	12,000:1	15,000:1	10,000:1
Noise Level (Eco mode)	26dB	35dB min.	27dB	28dB
Weight (kg)	2.9	2.7	4.49	3.6
Lamp Life <sup>2</sup> (hrs)			2500 Bright	2500 Bright
Dimensions (WxDxHmm)	12.7" x 9.2" x 3.8" (323 x 234 x 97 mm)	11.26" x 10.43" x 4.88" (286 x 265 x 124 mm)	15.2" 6" x 11" (386 x 152 x 279 mm)	326 x 254 x 104
Image Size	37.6"-301.1" (0.7-7.62 m)	25.9" - 325" (0.65 - 8.3 m)	0.76 - 7.62m (30" - 300") Diagonal 16:9	0.72 - 8.67m (28.41" - 341.28") Diagonal 16:9
Throw Ratio	1.5 - 1.8 (distance/width)	1.39 - 2.09 (distance/width)	1.37 - 2.05:1, Offset: 115%~135%	1.59 - 1.91:1
Zoom Type	1.2x Manual	1.5x manual zoom and focus	1.5x Manual	1.2x Manual
Keystone Correction	± 20° Vertical	± 40° Vertical	± 40° Vertical	± 15° Vertical
Connections	Two HDMI v1.4a, two VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B	HDMI v1.4a, DisplayPort, two VGA-in, VGA-out, composite video, S-Video, audio-in, RCA audio-in, audio-out, 12V trigger, RS-232C, RJ45 & USB-B	HDMI, DVI-D, 2x VGA (RGB/YpPr), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, 2x USB-B (Remote Mouse/Display), 2x USB-A (Reader / WiFi), +12V Trigger	2 x HDMI, DisplayPort, 2 x VGA (RGB/YpPr), S-Video, Composite, 2 x Audio In (RCA/3.5mm), Audio Out 3.5mm 3.5mm, VGA Out, RJ45, RS232, USB(Remote Mouse), +12V Trigger, 3D-Sync
Optional Wireless	Yes	Yes	Yes	Yes
Speaker (Watts)	Two 8-Watt speakers	10-Watt speaker	Two 15-Watt speakers	3
Bag	Yes	Yes	No	Yes
Features			V.Lens Shift, PC-Free / LAN presentation, Crestron RoomView®, PJ-Link	Easy Lamp Replacement, Crestron RoomView®, PJ-Link







	DW326e	DX326	DW339	HD30B
Resolution	WXGA 1280 x 800	XGA 1024 x 768	WXGA 1280 x 800	WUXGA 1920 x 1200
Brightness <sup>1</sup> (Bright mode)	3000 lumens	2800 lumens	2600 lumens	1600 lumens
Contrast	13,000:1 (full on/full off)	13,000:1 (full on/full off)	5000:1	25,000:1 (full on/full off)
Noise Level (Eco mode)	28dB	28dB	32dB/34dB	26dB
Weight (kg)	2.27	2.27	2.27	2.9
Lamp Life <sup>2</sup> (hrs)	6000/5000 Eco/Bright	6500/6000/4500 Eco+/Eco/Bright	6500/5000/4500 Eco+/Eco/Bright	5000/4000/3000 Eco+/Eco/Bright
Dimensions (WxDxHmm)	11.28" x 3.98" x 7.6" (287 x 101 x 193 mm)	11.28" x 3.98" x 7.6" (287 x 101 x 193 mm)	11.3" x 3.5" x 9.3" (287 x 88.9 x 236.2 mm)	12.7" x 3.8" x 9.2"
Image Size	27.2"-301" (0.69-7.62 m)	22.9"-300" (0.58-7.62 m)	27.2" to 301" (0.7 to 7.64 m)	37.6"-301.1" (0.7-7.62 m)
Throw Ratio	1.55-1.7	1.9-2.17	1.55 to 1.7 (distance/width)	1.5-1.8 (distance/width)
Zoom Type	0.8~2.0	0.8 ~ 2.0	-	1.0 ~ 2.0
Keystone Correction	±40° Vertical	±40° Vertical	±40° Vertical	±20° Vertical
Connections	HDMI v1.4a, VGA-in, VGA-out, S-video, composite video, RS-232C, A audio-in, A audio-out	VGA-in, HDMI, S-video, composite video, RS-232C, A audio-in, A audio-out, VGA-out	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, audio-in, audio-out, RS-232, USB-B	Two HDMI v1.4a, two VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B
Optional Wireless	No	No	No	No
Speaker (Watts)	1 x 2 watt	1 x 2 Watt	1 X 2 watt	16 Watt stereo speakers
Bag	No	No	No	No
Features	-	-	-	-







	HD131Xw	TX631-3D	TX635-3D	TX785
Resolution	WUXGA 1920 x 1200	XGA 1024 x 768	XGA 1024 x 768	XGA 1024 x 768
Brightness <sup>1</sup> (Bright mode)	2500 lumens	3500 ANSI lumens	3500 lumens	5000 lumens
Contrast	18,000:1 (full on/full off)	10,000:1 (full on/full off)	10,000:1 (full on/full off)	2000:1 (full on/full off)
Noise Level (Eco mode)	26dB	28dB/30dB	32dB/34dB	31dB
Weight (kg)	3.1	2.22	2	8.21
Lamp Life <sup>2</sup> (hrs)	6000/3500 Eco+/Bright		3000 Bright	2000 Bright
Dimensions (WxDxHmm)	12.7" x 3.8" x 9.2" (323 x 97 x 234 mm)	11" x 3.08" x 9.06" (280 x 78.4 x 230 mm)	11.3 x 3.0 x 8.6	16.9" x 13.4" x 7.1" (430 x 340 x 181 mm)
Image Size	37.6"-301.1" (0.7-7.62 m)		30" to 307"	-
Throw Ratio	1.5-1.8 (distance/width)	1.97 ~ 2.17	1.6 - 1.92	-
Zoom Type	0.8 ~ 2.0		-	-
Keystone Correction	±40° Vertical	+/- 40 Vertical	+/- 40 Vertical Auto Keystone	±30° Vertical
Connections	Two HDMI v1.4a, VGA-in, composite video, two audio-in, audio-out, 3D VESA, RS-232C, USB-B	HDMI 1.3, two VGA-in, VGA-out, S-video, composite video, audio-in, audio-out, RJ45, RS-232, mini USB	HDMI 1.3, two VGA-in, VGA-out, composite video, two Audio-in, A audio-out, Mic-In, RS-232, USB Type B, USB Type A, RJ45, mini USB Type B	HDMI,DVI-D w/ HDCP,Two VGA-In, VGA-Out, S-Video, Composite Video, Component Video, Five BNC (RGBHV/YpPr), Three Stereo Mini Jack Audio-In, Two RCA Stereo Audio-In, Audio -Out, USB, RS-232, RJ45, and Two 12V Triggers
Optional Wireless	No	No	No	No
Speaker (Watts)	1 x 10 Watt	7-Watt speaker	10-watt speaker	Two 3-Watt Speakers
Bag	No	Yes	No	No
Features	-	-	-	-

				
	TW695UTi-3D	TW610STi+	TW631-3D	TW635-3D
Resolution	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright mode)	3500 lumens	3200 lumens	3500 lumens	3500 ANSI lumens
Contrast	3000:1 (full on/full off)	3000:1 (full on/full off)	10,000:1 (full on/full off)	10,000:1 (full on/full off)
Noise Level (Eco mode)	30dB/32dB	29dB/31dB	28dB/30dB	28dB/30dB
Weight (kg)	7.6	3.13	2.22	2
Lamp Life <sup>2</sup> (hrs)	2500 Bright	3000 Bright	-	6000/5000 Eco+/Eco
Dimensions (WxDxHmm)	16.8" x 8.27" x 16" (426.5 x 210 x 407 mm)	12" x 4.5" x 9.6" (306 x 114 x 243 mm)	11" x 3.08" x 9.06" (280 x 78.4 x 230 mm)	11.3" x 3.0" x 8.6"
Image Size	77"-100" (1.96-2.54 m)	44.6"-222.8" (1.13-5.6 m)	30" ~ 300" (0.76 to 7.62 m)	36.3" to 362"
Throw Ratio	0.3 (distance/width)	0.52 (distance/width)	1.47 ~ 1.81	1.28 - 1.536
Zoom Type	-	-	-	-
Keystone Correction	-	±40 Vertical	+/- 40 Vertical	+/- 40 Vertical Auto Keystone
Connections	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, RCA stereo audio-in, stereo audio-in, stereo audio-out, microphone-in, 12V trigger, mini USB for interactive pen, mini USB for display, USB for wireless, RJ45 and RS-232	HDMI v1.3, two VGA-in, VGA-out, S-Video, composite video, RCA audio-in, stereo audio-in, stereo audio-out, microphone-in, mini-USB for interactive pen output to computer, mini-USB for display, USB for wireless dongle, RJ45, RS-232, and 12V trigger.	HDMI 1.3, two VGA-in, VGA-out, composite video, audio-in, audio-out, RJ45, RS-232, S-Video mini USB	HDMI 1.3, two VGA-in, VGA-out, composite video, two Audio-in, Audio-out, Mic-In, RS-232, USB Type B for mouse, USB Type A for wireless or thumb drive, RJ45, mini USB Type B for display
Optional Wireless	No	Yes	No	Yes
Speaker (Watts)	Two 5-Watt speakers, variable audio out, HDMI audio pass-thru	Two 5-Watt stereo speakers	7-Watt speaker	10-watt speaker
Bag	No	No	Yes	Yes
Features	-	-	-	-

				
	TW695UT-3D	TH7500-NL	ML1000P	X351
Resolution	WXGA 1280 x 800	WUXGA 1920 x 1200	WXGA 1280 x 800	XGA 1024 x 768
Brightness <sup>1</sup> (Bright mode)	3500 lumens	6000 lumens	1000 lumens	3600 lumens
Contrast	3000:1 (full on/full off)	2000:1 (full on/full off)	15,000:1 (full on/full off)	20,000:1 (full on/full off)
Noise Level (Eco mode)	30dB/32dB	42dB/38dB (STD/ECO)	30dB	29dB
Weight (kg)	7.6	23.31	1.36	2.49
Lamp Life <sup>2</sup> (hrs)	2500 Bright	2000 Bright	20,000 hours LED Bright	7000/6500/6000/4000 Eco+/Dynamic/Eco/Bright
Dimensions (WxDxHmm)	16.8" x 8.27" x 16" (426.5 x 210 x 407 mm)	17.2" x 9.3" x 21.6" (436 x 235 x 549 mm)	10.6" x 6.7" x 1.9" (269 x 170 x 48 mm)	12.4" x 4.0" x 8.8" (314 x 101 x 224 mm)
Image Size	77"-100" (1.96-2.54 m)	-	17"-100" (5.2-30.5 m)	27.5"-302.8" (0.69-7.69 m)
Throw Ratio	0.3 (distance/width)	-	1.4 (distance/width)	1.95-2.15 (distance/width)
Zoom Type	-	-	1.7x	-
Keystone Correction	-	±20° Vertical ±20° Horizontal	±30° Vertical, auto keystone correction	±40° Vertical
Connections	HDMI v1.3, two VGA-in, VGA-out, S-video, composite video, RCA stereo audio-in, stereo audio-in, stereo audio-out, mini USB, microphone-in, 12V trigger, RJ45 and RS-232	Input: two HDMI, two VGA-in, RGBHV BNC, YPbPr component, S-video, composite Output: VGA-Out Control: RJ45, RS-232, 12V trigger	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card	HDMI v1.4a, two VGA-in, VGA-out, S-video, composite video, audio-in/MIC, audio-in, audio-out, RJ45, RS-232C & USB mini-B
Optional Wireless	No	No	Yes	No
Speaker (Watts)	Two 5-Watt speakers, variable audio out, HDMI audio pass-thru	-	Two 3-Watt speakers	10-Watt Speaker
Bag	No	No	Yes	No
Features	-	-	-	-

### Home

				
	ML1000P	HD50-WHD	HD131Xw	HD30B
Resolution	WXGA 1280 x 800	1080p 1920 x 1080	WUXGA 1920 x 1200	WUXGA 1920 x 1200
Brightness <sup>1</sup> (Bright mode)	1000 lumens	2200 lumens	2500 lumens	1600 lumens
Contrast	15,000:1 (full on/full off)	50,000:1 (full on/full off)	18,000:1 (full on/full off)	25,000:1 (full on/full off)
Noise Level (Eco mode)	30dB	29dB	26dB	26dB
Weight (kg)	1.36	5.95 lb (2.7 kg)	3.1	2.9
Lamp Life <sup>2</sup> (hrs)	20,000 hours LED Bright	-	6000/3500 Eco+/Bright	5000/4000/3000 Eco+/Eco/Bright
Dimensions (WxDxHmm)	10.6" x 6.7" x 1.9" (269 x 170 x 48 mm)	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)	12.7" x 3.8" x 9.2" (323 x 97 x 234 mm)	12.7" x 3.8" x 9.2"
Image Size	17"-100" (5.2-30.5 m)	25.5"-325" (0.65-8.3 m)	37.6"-301.1" (0.7-7.62 m)	37.6"-301.1" (0.7-7.62 m)
Throw Ratio	1.4 (distance/width)	1.39-2.09 (distance/width)	1.5-1.8 (distance/width)	1.5-1.8 (distance/width)
Zoom Type	1.7x	-	0.8 ~ 2.0	1.0 ~ 2.0
Keystone Correction	±30° Vertical, auto keystone correction	±40° Vertical	±40° Vertical	±20° Vertical
Connections	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card	Two HDMI v1.4a, VGA-in, 3D VESA, component, composite video, 12V trigger, USB-A (for power), RS-232C, USB mini-B	Two HDMI v1.4a, VGA-in, composite video, two audio-in, audio-out, 3D VESA, RS-232C, USB-B	Two HDMI v1.4a, two VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B
Optional Wireless	Yes	Yes	No	No
Speaker (Watts)	Two 3-Watt speakers	-	1 x 10 Watt	16 Watt stereo speakers
Bag	Yes	No	No	No
Features	-	-	-	-

## Home



	H180X	H181X	GT760	GT1080
Resolution	WXGA 1280 x 800	HD 1280 x 720	HD 1280 x 720	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	3000 ANSI Lumens	3200 ANSI Lumens	3400 ANSI Lumens	2800 ANSI Lumens
Contrast	18,000:1	23,000:1	20,000:1	25,000:1
Noise Level (Eco mode)	28dB	28dB	29dB	26dB (Eco)
Weight (kg)	2.2	2.18	2.7	2.65
Lamp Life <sup>2</sup> (hrs)	5000 Bright	5000 Bright	4500 Bright	5000 Bright
Dimensions (WxDxHmm)	286 x 192 x 84	11.3" x 7.5" x 4.4"	11.3" x 3.9" x 9.6"	315 x 224 x 114
Image Size	0.69 - 7.65m (27.2" - 301") Diagonal 16:10	0.77 - 9.63m (30.44" - 379") Diagonal 16:10	1.13 - 5.67m (44.64" - 223.21") Diagonal 16:10	1.15 - 7.67m (45.3" - 300") Diagonal 16:9
Throw Ratio	1.55 - 1.7:1	1.47 - 1.83:1	0.52:1	0.5 (distance/width)
Zoom Type	1.1x Manual	1.2x Manual	Fixed	Fixed
Keystone Correction	± 40° Vertical	± 40° Vertical	± 40° Vertical	± 40° Vertical
Connections	HDMI (1.4a 3D support), VGA (RGB/YpBPr/SCART), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232	2x HDMI (1.4a 3D support), Audio Out 3.5mm, RS232, USB remote mouse/service, USB-A Power	HDMI (1.4a 3D support), 2 x VGA (RGB/YpBPr/Wireless), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB (Remote Mouse)	2 x HDMI (1.4a 3D support) + MHL v1.2, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB service
Optional Wireless	No	Yes	No	Yes
Speaker (Watts)	2	2	2	10
Bag	No	No	Yes	Yes
Features	Gaming fun day or night		Gaming even in the smallest of rooms	

## Home



	HD141X	HD26	HD25-LV	HD30
Resolution	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	3000 ANSI Lumens	3200 ANSI Lumens	3500 ANSI Lumens	1600 ANSI Lumens
Contrast	23,000:1	25,000:1	20,000:1 (full on/full off)	25,000:1
Noise Level (Eco mode)	26dB	26dB	26dB	26dB
Weight (kg)	2.45	2.49	2.9	3.1
Lamp Life <sup>2</sup> (hrs)	5000 Bright	6500 Bright		4500 Bright
Dimensions (WxDxHmm)	315 x 224 x 114	12.4" x 8.8" x 4.0" (315 x 224 x 114 mm)	12.7" x 9.2" x 3.8" (323 x 234 x 97 mm)	324 x 234 x 97
Image Size	1.06 - 7.67m (41.8" - 300") Diagonal 16:9	1.06 - 7.67m (41.8" - 300") Diagonal 16:9	37.6" - 301.1" (0.7 - 7.62 m)	0.77 - 9.19m (30.15" - 361.75") Diagonal 16:9
Throw Ratio	1.48 - 1.62:1	1.48 - 1.62:1	1.5 - 1.8 (distance/width)	1.50 - 1.8:1
Zoom Type	1.1x Manual	1.1x Manual	1.0 ~2.0	1.2x Manual
Keystone Correction	± 40° Vertical	± 40° Vertical	± 20° Vertical	± 40° Vertical
Connections	2 x HDMI (1.4a 3D support) + MHL v1.2, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB service	2 x HDMI (1.4a 3D support) + MHL, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB service	Two HDMI v1.4a, two VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B	2 x HDMI (1.4a 3D support), 2 x VGA (RGB/YpBPr), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, 3D-Sync
Optional Wireless	Yes	Yes	No	No
Speaker (Watts)	10	10	16-Watt stereo speaker system	16
Bag	No	No	No	No
Features				Full 3D 1080p Support, Dynamic Black, 2 x ZF2100 Glasses and ZF2100 Emitter included

## Home



	HD161X	HD50	HD90	HD91+
Resolution	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	2000 ANSI Lumens	2200 ANSI Lumens	1200 ANSI Lumens	1500 ANSI Lumens
Contrast	40,000:1	50,000:1 (full on/full off)	500,000:1	600,000:1 (full on/full off)
Noise Level (Eco mode)	29dB	29dB	23dB	23dB
Weight (kg)	3.8	2.7		6.99
Lamp Life <sup>2</sup> (hrs)	3000 Bright		20,000 (LED Life) Bright	20,000 (LED Life) Bright
Dimensions (WxDxHmm)	286 x 265.5 x 124	11.26" x 10.43" x 4.88" (286 x 265 x 124 mm)	13.6" x 17.4" x 6.4"	13.6" x 17.4" x 6.4" (345 x 443 x 161.5 mm)
Image Size	0.76 - 7.67m (30" - 300") Diagonal 16:9	25.5" - 325" (0.65 - 8.3 m)	0.76 - 7.67m (30" - 300") Diagonal 16:9	30"-300"
Throw Ratio	1.39 - 2.09:1	1.39 - 2.09 (distance/width)	1.22 - 1.52:1	1.5 - 2.89 (distance/width)
Zoom Type	1.5x Manual	1.5x manual zoom and focus	1.9x Manual	1.9x Manual
Keystone Correction	±30° Vertical	±40° Vertical	±30° Vertical	±30° Vertical
Connections	2 x HDMI (1.4a 3D support), VGA (RGB/YpBPr), Component, Composite, 3D-Sync, 12V trigger, RS232, USB-A Power, USB service	Two HDMI v1.4a, VGA-in, 3D VESA, component, composite video, 12V trigger, USB-A (for power), RS-232C, USB mini-B	2 x HDMI (1.4a 3D support), VGA (RGB/YpBPr), Component, Composite, 3D-Sync, 2 x 12V trigger, RS232, USB-A Power, USB service	Two HDMI 1.4a, VGA-in, component, composite video, USB-A (power), RS-232C, two 12V triggers, 3D VESA port
Optional Wireless	Yes	No	No	No
Speaker (Watts)	-	-	-	-
Bag	No	No	No	No
Features				



**ProScene**



TH7500-NL



W505



EH505



EH503

Resolution	WUXGA 1920 x 1200	WXGA 1280 x 800	WUXGA 1920 x 1200	1080p 1920 x 1080
Brightness <sup>1</sup> (Bright mode)	6000 lumens	5200 ANSI Lumens	5000 ANSI Lumens	5200 ANSI Lumens
Contrast	2000:1 (full on/full off)	2000:1	2000:1	2000:1
Noise Level (Eco mode)	42dB/38dB (STD/ECO)	37dB	37dB	37dB
Weight (kg)	23.31	8.44	8.44	8.44
Lamp Life <sup>2</sup> (hrs)	2000 Bright	1500 Bright	1500 Bright	1500 Bright
Dimensions (WxDxHmm)	17.2" x 9.3" x 21.6" (436 x 235 x 549 mm)	16.9" x 7.1" x 13.4" (430 x 181 x 340 mm)	16.9" x 7.1" x 13.4" (430 x 181 x 340 mm)	16.9" x 7.1" x 13.4" (430 x 181 x 340 mm)
Image Size	-	Dependent upon lens	Dependent upon lens	Dependent upon lens
Throw Ratio	-	0.81 ~ 3.05 "Lens dependent"	0.77 ~ 2.89 "Lens dependent"	0.77 ~ 2.89 "Lens dependent"
Zoom Type	-	Dependent upon lens	Dependent upon lens	Dependent upon lens
Keystone Correction	±20° Vertical ±20° Horizontal	± 40° Vertical	± 15° Vertical	± 15° Vertical
Connections	Input: two HDMI, two VGA-in, RGBHV BNC, YPbPr component, S-video, composite Output: VGA-Out Control: RJ45, RS-232, 12V trigger	HDMI (1.4a 3D support), DVI-D, Display Port, 5BNC, Component Video, 2 x VGA (RGB/YPbPr), S-Video, Composite, 5 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (Remote Mouse), +12v Trigger, Wired Remote, 3D-Sync	HDMI (1.4a 3D support), DVI-D, Display Port, 5BNC, Component Video, 2 x VGA (RGB/YPbPr), S-Video, Composite, 5 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (Remote Mouse), +12v Trigger, Wired Remote, 3D-Sync	HDMI (1.4a 3D support), DVI-D, Display Port, 5BNC, Component Video, 2 x VGA (RGB/YPbPr), S-Video, Composite, 5 x Audio In (RCA/3.5mm), Audio Out 3.5mm, VGA Out, RJ45, RS232, USB (Remote Mouse), +12v Trigger, Wired Remote, 3D-Sync
Optional Wireless	No	Yes	Yes	Yes
Speaker (Watts)	-	3	3	3
Bag	No	No	No	No
Features	-	"3 x Optional Lens [Short/STD/Long], Full Lens Shift, Crestron RoomView®, PJ-Link	"3 x Optional Lens [Short/STD/Long], Full Lens Shift, Crestron RoomView®, PJ-Link, Available in Black and White	"3 x Optional Lens [Short/STD/Long], Full Lens Shift, Crestron RoomView®, PJ-Link

**ProScene**



W501



EH501



X501



EH7700

Resolution	WXGA 1280 x 800	1080p 1920 x 1080	XGA 1024 x 768	WUXGA 1920 x 1200
Brightness <sup>1</sup> (Bright mode)	5000 ANSI Lumens	5000 ANSI Lumens	4500 ANSI Lumens	7000 lumens
Contrast	15,000:1	15,000:1	15,000:1	5000:1 (full on/full off)
Noise Level (Eco mode)	27dB	27dB	27dB	42dB/39dB (Bright/ECO)
Weight (kg)	4.5	4.49	4.5	24
Lamp Life <sup>2</sup> (hrs)	2500 Bright	2500 Bright	2500 Bright	2000 Bright
Dimensions (WxDxHmm)	15.2" x 6" x 11" (386 x 152 x 279 mm)	15.2" x 6" x 11" (386 x 152 x 279 mm)	15.2" x 6" x 11" (386 x 152 x 279 mm)	17.2" x 9.3" x 21.6" (436 x 235 x 549 mm)
Image Size	0.76 – 7.62m (30" - 300") Diagonal 16:10	0.76 – 7.62m (30" - 300") Diagonal 16:9	0.76 – 7.62m (30" - 300") Diagonal 4:3	Dependent upon lens
Throw Ratio	1.45 - 2.17:1, Offset: 112%~132%	1.37 - 2.05:1, Offset: 115%~135%	1.39 - 2.26:1, Offset: 115%	.78 - 7.04
Zoom Type	1.5x Manual	1.5x Manual	1.6x Manual	Motorized
Keystone Correction	± 40° Vertical	± 40° Vertical	± 40° Vertical	Horizontal +20° / Vertical ±20°
Connections	HDMI, DVI-D, 2x VGA (RGB/YPbPr), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, 2x USB-B (Remote Mouse/Display), 2x USB-A (Reader / WiFi), +12v Trigger	HDMI, DVI-D, 2x VGA (RGB/YPbPr), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, 2x USB-B (Remote Mouse/Display), 2x USB-A (Reader / WiFi), +12v Trigger	HDMI, DVI-D, 2x VGA (RGB/YPbPr), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic 3.5mm, Audio Out 3.5mm, VGA Out, RJ45, RS232, 2x USB-B (Remote Mouse/Display), 2x USB-A (Reader / WiFi), +12v Trigger	Input: two HDMI, two VGA-in, RGBHV BNC, YPbPr component, S-video, composite Output: VGA-Out Control: RJ45, RS-232C, 12V trigger
Optional Wireless	Yes	Yes	Yes	No
Speaker (Watts)	30	Two 15-Watt speakers	30	-
Bag	No	No	No	No
Features	V.Lens Shift, PC-Free / LAN presentation, Crestron RoomView®, PJ-Link	V.Lens Shift, PC-Free / LAN presentation, Crestron RoomView®, PJ-Link	V.Lens Shift, PC-Free / LAN presentation, Crestron RoomView®, PJ-Link	5 Lens Options, Motorized Full Lens Shift, Mechanical Shutter, Crestron RoomView®, PJ-Link, 360° Operation

**ProScene**



X605

Resolution	XGA 1024 x 768
Brightness <sup>1</sup> (Bright mode)	6000 Lumens
Contrast	2000:1 (full on/full off)
Noise Level (Eco mode)	37dB
Weight (kg)	8.44
Lamp Life <sup>2</sup> (hrs)	1500 Bright
Dimensions (WxDxHmm)	16.9" x 7.1" x 13.4" (430 x 181 x 340 mm)
Image Size	Dependent upon lens
Throw Ratio	Dependent upon lens
Zoom Type	Dependent upon lens
Keystone Correction	± 30° Vertical
Connections	Display port, HDMI, DVI-D with HDCP, two VGA-in, VGA-out, S-video, composite video, component video, five BNC (RGBHV/YPbPr), two stereo mini jack audio-in, two RCA stereo audio-in, audio-out, 3D VESA port, wired remote, USB-A charging port, RS-232C, RJ45, and 12V trigger
Optional Wireless	Yes
Speaker (Watts)	Two 3-Watt speakers
Bag	No
Features	



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<sup>1</sup>Brightness will vary depending on the selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime.

Regards. \*The 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-Kohrausch (HK) effect on the perceived brightness of colours. <sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Errors and omissions excepted, all specifications are subject to change without notice. All images are for representation purposes only and may be simulated.