

# Product Reference Guide

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PRO|SCENE

## ProScene Projectors - Interchangeable Lens

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Interchangeable Lenses	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
WU1500	12,000	5000:1	1920 x 1200	1500/2000	Vertical & Horizontal Lens Shift Zoom BX-CTA18 Wide Zoom BX-CTA19 Semi-wide Zoom BX-CTA20 Standard Zoom BX-CTA21 Long Zoom BX-CTA22 Extra Long Zoom BX-CTA23	HDMI, DVI (Digital Only), VGA (RGBHV), VGA (out), BNC (RGBHV/Component), USB 2.0 (support wifi dongle only), HDBaseT, LAN (RJ45, network control), 3G-SDI, AC power, RS232 (d-sub), Jack 3.5mm (Wired remote in), Jack 3.5mm (Wired remote out), CVBS (3D-Sync)	n/a	52.5 lb 20.5" x 23.27" x 7.83"
EH7700	7000	5000:1	1920 x 1200	2500/2000	Vertical & Horizontal Lens Shift Fixed Short Throw BX-DLWT1 Short Throw BX-DLWT2 Standard Throw BX-DLST1 Long Throw BX-DLTZ1 Ultra Long Throw BX-DLTZ2	2x HDMI, 2x VGA-in, RGBHV BNC, YPbPr component, S-video, composite, VGA-out control: RJ45, RS-232C, 12V trigger	n/a	52.9 lb 17" x 9.3" x 21.6"
ZU650	6000	2,000,000:1 (extreme black enabled) 2000:1	1920x1200	Light Source: Laser Diode 20,000 hrs	Vertical & Horizontal Lens Shift Short Throw BX-CTA15 Semi Short Throw BX-CAA01 Standard Throw BX-CAA02 Long Throw BX-CAA03 Ultra Long Throw BX-CTA13	HDMI, DVI-D, VGA-In, HDBaseT, Component (Y/Pb/Pr), VGA-Out, RS-232, Wired-in, Wired-out, USB, USB mini, IR Receiver, RJ45 (LAN)	n/a	40 lb 19.1" x 7.7" x 20.1"
WU630	6200 Center Lumens 6000 ANSI	4400:1	1920 x 1200	2000/1500		HDMI, DVI-D, VGA In, RCA, BNC, VGA out, RS232, 12V trigger, RJ45	n/a	31 lb 17.8" x 15.3" x 8.1"
EH505	5000	2000:1	1920 x 1200	3500/1500				
EH505-B (Black Chassis)	5000	2000:1	1920 x 1200	3500/1500	Vertical & Horizontal Lens Shift Short Throw BX-DL080 Semi-Short Throw BX-DL100 Standard Throw BX-DL200 Long Throw BX-DL300 Ultra Long Throw BX-DL500	Display port, HDMI, DVI-D w/ HDCP, 2x VGA-in, VGA-out, S-video, composite video, component video, 5 BNC (RGBHV/YPbPr), 2x stereo mini jack audio-in, 2x RCA stereo audio-in, audio-out, 3D VESA port, wired remote, USB-A charging port, RS-232C, RJ45, 12V trigger	Two 3-Watt Speakers	18.6 lb 16.9" x 7" x 13.4"
EH503	5200	2000:1	1920 x 1080	3500/1500				
W505	5200	2000:1	1280 x 800	3500/1500				
X605	6000	2000:1	1024 x 768	3500/1500				

## ProScene Projectors - Fixed Lens

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
WU515	6000	10,000:1	1920 x 1200	4000/3000	1.26-2.27	27.9"~301.8"	Vertical and Horizontal Lens Shift	Display port, 2x HDMI 1.4a + MHL, 2x VGA-In, VGA out, Composite Video, S-Video, 3x Audio-In (stereo, 3.5mm and RCA), Audio-Out (3.5mm), Mic in (3.5mm), 12V trigger, USB-A (5V), 3D VESA, RS-232C, USB mini (service/control), RJ45, AC power	Two 10-Watt (stereo)	13 lb 16.7" x 6.3" x 13.5"
EH515	5500	10,000:1	1920 x 1080	4000/3000	1.2-2.16	27.2"~301.1"				
W515	6000	10,000:1	1280 x 800	4000/3000	1.26-2.27	26.6"~302.1"				
WU515T*	6000	10,000:1	1920 x 1200	4000/3000	1.26-2.27	27.9"~301.8"	Vertical and Horizontal Lens Shift	HDBaseT, Display port, 2x HDMI 1.4a + MHL, 2x VGA-In, VGA out, Composite Video, S-Video, 3x Audio-In (stereo, 3.5mm and RCA), Audio-Out (3.5mm), Mic in (3.5mm), 12V trigger, USB-A (5V), 3D VESA, RS-232C, USB mini (service/control), RJ45, AC power	Two 10-Watt (stereo)	13 lb 16.7" x 6.3" x 13.5"
EH515T*	5500	10,000:1	1920 x 1080	4000/3000	1.2-2.16	27.2"~301.1"				
W515T*	6000	10,000:1	1280 x 800	4000/3000	1.26-2.27	26.6"~302.1"				
EH504	5000	15,000:1	1920 x 1080	3500/3000	1.41 - 2.24	26.2"~301.1"	Vertical Lens Shift; Manual Zoom and Focus	3x HDMI 1.4a (2 on rear and 1 under top cover with MHL), 1x VGA-In, 1x VGA out, 1x Composite (RCA - Y), 2x Audio-In (jack 3.5mm female), 1x Audio-Out (jack 3.5mm female), 1x RS232C (9pin d-sub), 1x mini USB (service/control), 1x USB A (5V/1.5A out), 1x RJ45 (LAN), 1x 3D vesa port, AC power 3 pin	Two 16-Watt speakers	10.2 lb 14.5" x 12" x 5.2"
W501	5000	15,000:1	1280 x 800	4000/2500	1.45-2.17	23.4"~300"	Vertical Lens Shift; Manual Zoom and Focus	HDMI v1.4, DVI-D, 2x VGA-in, VGA-out, S-video, composite video, 2x stereo audio-in, stereo RCA audio in, mic-in, stereo audio-out, RJ45, RS-232C, 2x USB-A, 2x USB-B, 12V trigger	Two 15-Watt speakers	9.9 lb 15.2" x 6" x 11"
X501	4500	15,000:1	1024 x 768	4000/2500	1.39-2.26	23.4"~300"				

## EdgeBlending

Model	Projector Compatibility	Basic Color Matching (whole screen)	Advanced Color Matching (custom area)	LAN Connection Static IP / LAN Connection DHCP	I/O Connection Ports	Weight & Size (W x H x D)
GB-200	Any	Yes	Yes	Yes / No	2x HDMI-in, 2x DVI-in 2x HDMI-out, 2x VGA-out, 2x RJ45, 2x RS-232, 2x dials for IP adjustment	4.2 lb 17" x 7.8" x 1.7"
	Geometry Adjustment	Curved Wall Adjustment	Rotation (up to 90°)	Advanced Geometry Adjustment	Blending and Geometry (at the same time)	Connectivity
	Yes	Yes	No	Yes, using warp grid through PC software	Yes	PC App via LAN
	How is the Scaling Done?	Recommended Setups	Black Level Correction (w/control)	Maximum Input Source Resolution Using Multi-Output GFX	Maximum Output Resolution Per Projector (pre-cut image from PC)	
Using source PC GFX card	4x1H / 3x1V (limited by GFX card outputs)	Yes	WUXGA (1920x1200)	WUXGA (1920 x 1200)		

## High-End Data Projectors - Large Room and Large Venue

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>X600</b>	6000	10,000:1	1024 x 768	3500/2500	1.8-2.1	23.4"-300"	Manual Zoom and Focus	Display port, 2x HDMI, 2x VGA-in, VGA-out, S-video, composite video, stereo RCA, audio-in, stereo audio-out, RS-232C, RJ45, 3D VESA, USB, 12V trigger	3-Watt Speaker	8.2 lb 12.8" x 4.3" x 10"
<b>EH500</b>	4700	10,000:1	1920 x 1080	3500/2500	1.59-1.91	23.6"-300"				
<b>EH490</b>	4600	10,000:1	1920x1080	3500/3000	1.41 - 2.24	26.2"-301"	Vertical Lens Shift, Manual Zoom and Focus	3x HDMI 1.4a (2 with MHL, 2 rear and 1 on top), 1x VGA-In, 1x VGA-Out, 1x Composite Video (RCA-Y), 2x Audio-In (3.5mm jack), 1x Audio-Out (3.5mm jack), 1x RS-232C (9pin d-sub), 1x mini-USB (service/control), 1x USB-A (5V/1.5A out), RJ45 (LAN), 1x 3D vesa port, AC power (3 pin)	Two 16-Watt Speakers	10.2 lb 14.5" x 5.2" x 12"
<b>W490</b>	5000	10,000:1	1280x800	3500/3000	1.48 - 2.35	25.6"-301"	Vertical Lens Shift, Manual Zoom and Focus	3x HDMI 1.4a (2 with MHL, 2 rear and 1 on top), 1x VGA-In, 1x VGA-Out, 1x Composite Video (RCA-Y), 2x Audio-In (3.5mm jack), 1x Audio-Out (3.5mm jack), 1x RS-232C (9pin d-sub), 1x mini-USB (service/control), 1x USB-A (5V/1.5A out), RJ45 (LAN), 1x 3D vesa port, AC power (3 pin)	Two 16-Watt Speakers	10.2 lb 14.5" x 5.2" x 12"
<b>W415e</b>	4500	15,000:1	1280 x 800	7000/3000	1.46-2.02	25.3"-318"	Vertical Lens Shift, Manual Zoom and Focus	2x HDMI v1.4a, VGA-in, VGA-out, composite video, audio1-in (3.5mm), audio2-in (dual analog RCA), audio-out (3.5mm), 12V trigger, RS-232C, RJ45, USB-A (power), USB mini	10-Watt Speaker	5.95 lb 11.3" x 4.9" x 10.4"
<b>EH416</b>	4200	20,000:1	1920 x 1080	6500/3000	1.4 - 2.24	26.21"-303"	Manual Zoom and Focus	2x HDMI 1.4v with MHL, VGA-In, VGA-Out, Composite Video, 2x Audio-In (3.5mm), Audio-Out (3.5mm), RJ-45, USB Power, USB-B Mini (service), RS232C	10-Watt Speaker	9.7 lb 12.36" x 4.48" x 8.81"
<b>WU416</b>	4200	20,000:1	1920 x 1200	6500/3000	1.4 - 2.24	26.94"-305.1"	Manual Zoom and Focus	2x HDMI 1.4v with MHL, VGA-In, VGA-Out, Composite Video, 2x Audio-in, Audio out, RJ45, USB, RS232C	10-Watt Speaker	9.7 lb 12.36" x 4.48" x 8.81"
<b>W402</b>	4500	20,000:1	1280 x 800	7000/3000	1.28-1.54	36.3"-362"	Manual Zoom and Focus	HDMI 1.4a, 2x VGA in, VGA out, composite, 2x Audio in, Audio out, VESA 3D Sync port, RS-232, RJ45, USB mini	10-Watt Speaker	5.5 lb 8.8" x 3.9" x 12.4"
<b>X402</b>	4200	20,000:1	1024 x 768	7000/3000	1.6-1.92	30"-307"	Manual Zoom and Focus	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	10-Watt Speaker	5.5 lb 12.4" x 3.9" x 8.8"

## Multi-Media Data Projectors - Medium Room

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>EH341</b>	3500	18,000:1	1920 x 1080	8000/6500/ 6000/4000	1.48-1.62	41.8"-305"	Manual Zoom and Focus	2x HDMI, VGA-In, USB mini (Service), RS-232C, USB (Power)	10-Watt Speakers	5.7 lb 12.4" x 3.9" x 8.8"
<b>W351</b>	3800	20,000:1	1280 x 800	8000/4000	1.55-1.7	27.3"-299.5"	Manual Zoom and Focus	HDMI v1.4a, two VGA-in, VGA-out, S-video, composite video, audio-in/MIC, audio-in, audio-out, RJ45, RS-232C & USB mini	10-Watt Speaker	5.5 lb 12.4" x 4" x 8.8"
<b>X351</b>	3600	20,000:1	1024 x 768	10,000/4500	1.95-2.15	27.5"-303"	Manual Zoom and Focus	HDMI v1.4a, two VGA-in, VGA-out, S-video, composite video, audio-in/MIC, audio-in, audio-out, RJ45, RS-232C & USB mini	10-Watt Speaker	5.5 lb 12.4" x 4" x 8.8"
<b>DH1012</b>	3200	18,000:1	1920 x 1080	8000/6500/ 6000/4000	1.48-1.62	41.8"-305"	Manual Zoom and Focus	2x HDMI, VGA-In, USB mini (Service), RS-232C, USB (Power)	10-Watt Speaker	5.7 lb 12.4" x 3.9" x 8.8"
<b>X316</b>	3200	20,000:1	1024 x 768	10,000/5000	1.95-2.15	27.5"-303"	Manual Zoom and Focus	HDMI, 2x VGA-in, VGA-out, S-video, composite video, 2x audio-in, audio-out, RS-232C, USB	2-Watt Speaker	5.2 lb 12.4" x 4.0" x 8.8"
<b>W341</b>	3600	22,000:1	1280 x 800	10,000/5000	1.54 - 1.71	22.9"-252"	Manual Zoom and Focus	HDMI 1.4v, VGA-In, VGA-Out, Composite Video, Audio-In (3.5mm), Audio-Out (3.5mm), USB Power, RS232C	2-Watt Speaker	4.85 lb 11.73" x 3.79" x 9.05"
<b>S341</b>	3500	22,000:1	800 x 600	10,000/5000	1.94-2.16	27.7"-304.4"	Manual Zoom and Focus	HDMI 1.4v, VGA-In, VGA-Out, Composite Video, Audio-In (3.5mm), Audio-Out (3.5mm), USB Power, RS232C	2-Watt Speaker	4.85 lb 11.73" x 3.79" x 9.05"
<b>S310e</b>	3200	20,000:1	800 x 600	10,000/5000	1.95-2.51	27.5"-302.8"	Manual Zoom and Focus	VGA in, Composite, S-video, 1x Audio in, Audio Out, RJ45, RS-322	n/a	5.2 lb 12.4" x 4.0" x 8.8"
<b>W331</b>	3200	20,000:1	1280 x 800	10,000/5000	1.54 - 1.71	26.87"-316.5"	Manual Zoom and Focus	2x HDMI, VGA-In, VGA-Out, Composite, Audio-In, Audio-Out, USB Power, RS-323C	2-Watt Speaker	5.5 lb 11.7" x 3.8" x 9.0"

## Portable Data Projectors - Small Room

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>W304M</b>	3100	10,000:1	1280 x 800	5000/4000z	1.5-1.76	26.9"-311"	Manual Zoom and Focus	HDMI v1.4a, VGA-in, composite video, audio-in, audio-out, USB-B	1-Watt Speaker	3.3 lb 8.7" x 2.8" x 7.0"
<b>X304M</b>	3000	10,000:1	1024 x 768	5000/4000	1.8-2.2	30.9"-371"	Manual Zoom and Focus	HDMI, VGA-in, S-video, Composite video, Audio-in, Audio-out, RS-232C, USB mini	2-Watt Speaker	5.2 lb 12.4" x 3.9" x 8.8"
<b>X312</b>	3200	20,000:1	1024 x 768	10,000/5000	1.95-2.15	27.5"-302.8"	Manual Zoom and Focus	HDMI, VGA-in, S-video, Composite video, Audio-in, Audio-out, RS-232C, USB mini	2-Watt Speaker	5.2 lb 12.4" x 3.9" x 8.8"

## Ultra Short Throw and Short Throw

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>EH320USTi</b> <i>Includes TouchBEAM Interactive Module</i>	4000	20,000:1	1920x1080	3000/5000/ 5000/6000	0.25:1	80"-100"	Fixed Zoom	2x HDMI (1.4a 3D support), 3D-Sync Port Out, VGA1-In (YPbPr/RGB), VGA2-In/VGA-Out (shared), Composite Video, Audio1-In (analog RCA), Audio2-In (3.5 mm), Audio-Out (3.5 mm), RJ45, RS-232C, USB mini (remote mouse/service, 12V trigger, Mic, USB-A (power))	16-Watt Speaker	10.69 lb 15" x 4.7" x 12.2"
<b>EH320UST</b>	4000	20,000:1	1920x1080	3000/5000/ 5000/6000	0.25:1	80"-100"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>EH319USTi</b> <i>Includes TouchBEAM Interactive Module</i>	3500	18,000:1	1920 x1080	6500/3000	0.25:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>EH319UST</b>	3500	18,000:1	1920 x1080	6500/3000	0.25:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>W320USTi</b> <i>Includes TouchBEAM Interactive Module</i>	4000	20,000:1	1280 x 800	6500/3000	0.27:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>W320UST</b>	4000	20,000:1	1280 x 800	6500/3000	0.27:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>W319USTir</b> <i>Includes Two Battery Powered IR Pens</i>	3300	18,000:1	1280 x 800	6500/3000	0.27:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>W319UST</b>	3300	18,000:1	1280 x 800	6500/3000	0.27:1	85" - 115"	Fixed Zoom	2x HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out (Shared with VGA2), RJ45, RS232, USB remote mouse/service, 12V trigger, Mic In, USB-A Power, 3D-Sync	16-Watt Speaker	10.7 lbs 15.15"x 4.72"x 12.20"
<b>W307USTi</b> <i>Includes Two Battery Powered IR Pens</i>	3500	15,000:1	1280 x 800	4000/3000	0.35:1	1.95'-2.39'	Manual Focus	HDMI v1.4a, 2x VGA-in, VGA-out, S-video, composite video, 2x audio-in, 2x RCA audio-in, mic-in, audio-out, RJ45, RS-232C, micro-USB	10-Watt Speaker	16.5 lb 14" x 9.1" x 14.4"
<b>W307UST</b>	3500	15,000:1	1280 x 800	4000/3000	0.35:1	1.95'-2.39'	Manual Focus	HDMI v1.4a, 2x VGA-in, VGA-out, S-video, composite video, 2x audio-in, 2x RCA audio-in, mic-in, audio-out, RJ45, RS-232C, micro-USB	10-Watt Speaker	16.5 lb 14" x 9.1" x 14.4"
<b>EH415ST</b>	3500	15,000:1	1920 x 1080	7000/3000	0.5:1	59.6"- 153"	Manual Zoom and Focus	Two HDMI, VGA-in, VGA-out, composite video, stereo audio-in, RCA stereo audio-in, stereo audioout, 12V trigger, RJ45, RS-232C, USB-A (power) & USB mini-B	10-Watt Speaker	7.5 lb 11.2" x 4.8" x 10.4"
<b>EH200ST</b>	3000	20,000:1	1920 x 1080	6500/5000	0.5:1	45.3"-303"	Manual Focus	2x HDMI v1.4a, 3D VESA, audio-out, USB mini, 12V trigger	10-Watt Speaker	6 lb 12.4" x 4.0" x 8.8"
<b>W316ST</b>	3600	20,000:1	1280 x 800	8000/4000	0.52:1	44"-300"	Manual Focus	HDMI, 2x VGA-in, VGA-out, S-video, composite video, 2x audio-in, MIC, audio-out, RS-232C, RJ45, USB mini	10-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"
<b>X316ST</b>	3400	20,000:1	1024 x 768	8000/4000	0.6:1	44"-300"	Manual Focus	HDMI, 2x VGA-in, VGA-out, S-video, composite video, 2x audio-in, MIC, audio-out, RS-232C, RJ45, USB mini	10-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"
<b>W303ST</b>	3000	18,000:1	1280 x 1800	6000/4500	0.052	44.4" - 223.2"	Manual Focus	HDMI, two VGA-in, VGA-out, S-video, composite video, audio-in (3.5mm), audio-out (3.5mm), RS-232C, USB-B	2-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"
<b>X305ST</b>	3000	18,000:1	1024 X768	6000/4500	0.626:1	44.4" - 223.2"	Manual Focus	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	2-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"

## Ultra-Portable LED Projectors

Model	Lumens	Contrast Ratio	Native Resolution	LED Life	Throw Ratio	Image Size	Memory	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>ML750ST</b>	700	10,000:1	1280 x 800	20,000+ Hours LED	0.8:1	25" - 200"	1.5 GB Internal	HDMI + MHL v2.0, Universal I/O - VGA, microSDslot, USB-A reader with support for USB Wireless dongle, Audio out	1.5 Watt Speaker	12.8 oz 4.4" x 1.6" x 4.1"
<b>ML750</b>	700	10,000:1	1280 x 800	20,000+ Hours LED	1.5:1	17"-100"	1.5 GB Internal	HDMI + MHL v1.0, Universal I/O - VGA / Audio Out 3.5mm, microSD-slot, USB-A PC/wireless	1-Watt Speaker	14.1 oz 4.1" x 1.5" x 4.2"
<b>ML550</b>	500	10,000:1	1280 x 800	20,000+ Hours LED	1.5:1	17"-100"		HDMI + MHL v1.0, Universal I/O - VGA / Audio Out 3.5mm, microSD-slot, USB-A PC/wireless		

## LED Home Cinema Projectors

Model	Lumens	Contrast Ratio	Native Resolution	LED Life	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>HD91+</b>	1500	600,000:1	1920 x 1080	20,000+ Hours LED	1.5-2.89	30"-300"	Vertical & Horizontal lens shift	Two HDMI 1.4a, VGA-in, component, composite video, USB-A (power), RS-232C, two 12V triggers, 3D sync port	n/a	15.4 lb 13.6" x 6.4" x 17.4"

## 3D Accessories

Model	3D Source	Frame Rate	Battery Life	Weight & Size (W x H x D)
<b>ZD302</b> <i>(DLP) 3D Glasses</i>	<b>Blu-Ray/DVD Players, Gaming Consoles, PC, Set Top Boxes</b>	96Hz, 100Hz, 120Hz, 144Hz	Rechargeable, 40 Hours	1.1 oz Open: 6.2" x 1.7" x 7.0" Folded: 6.2" x 1.7" x 1.2"
<b>BG-ZF2300</b> <i>(RF) 3D Glasses</i>	<b>Blu-Ray/DVD Players, Gaming Consoles, PC, Set Top Boxes</b>	96Hz, 100Hz, 120Hz, 144Hz	Rechargeable, 25 hours continuous use	.1 lb 6.8" x 1.5" x 6.6"
Model	3D Emitter			Weight & Size (W x H x D)
<b>BC300</b>	<b>RF glasses require the use of an RF emitter and a projector with a 3D VESA Sync port. The RF emitter is only compatible with Optoma projectors</b>			.08 lb 1.8" x 0.7" x 1.3"

## Home Entertainment Projectors

Model	Lumens	Contrast Ratio	Native Resolution	Lamp Life Hrs max ~ min	Throw Ratio	Image Size	Projection Lens	I/O Connection Ports	Speaker	Weight & Size (W x H x D)
<b>HD37</b>	2600	20,000:1	1920 x 1080	7000/3000	1.39-2.09	25.5"-325"	Manual Zoom and Focus	2x HDMI (w/MHL), VGA-in, composite video, stereo audio-in, RCA stereo audio-in, stereo audio-out, 12V Trigger, RS-232C, USB-A (power), USB mini	10-Watt Speaker	7.7 lb 11.2" x 4.8" x 10.4"
<b>HD28DSE</b>	3000	30,000:1	1920 x 1080	8000/4000	1.48-1.62	41.8"-305"	Manual Zoom and Focus	2x HDMI v1.4a (w/MHL), 3D Sync Port, USB mini, USB-A, 12V Trigger, 3.5mm Audio-out	10-Watt Speaker	5.7 lb 12.4" x 4.5" x 8.8"
<b>HD26</b>	3200	25,000:1	1920 x 1080	6500/5000	1.5-1.6	41.8"-305"	Manual Zoom and Focus	2x HDMI v1.4a, 3D VESA, audio-out, USB mini, 12V trigger	10-Watt Speaker	5.5 lb 12.4" x 4.0" x 8.8"
<b>HD141X</b>	3000	20,000:1	1920 x 1080	6500/5000	1.5-1.6	41.8"-305"				
<b>H183X</b>	3200	20,000:1	1280 x 720	10,000/5000	1.54 - 1.71	26.87"-316.5"	Manual Zoom and Focus	2x HDMI, VGA-In, VGA-Out, Composite, Audio-In, Audio-Out, USB Power, RS-323C	2-Watt Speaker	5.5 lb 11.7" x 3.8" x 9.0"
<b>GT1080</b> <i>(Short Throw)</i>	2800	25,000:1	1920 x 1080	6500/5000	0.5	45.3"-303"	Manual Focus	2x HDMI v1.4a, 3D VESA, audio-out, USB mini, 12V trigger	10-Watt Speaker	6 lb 12.4" x 4.0" x 8.8"
<b>GT760A</b> <i>(Short Throw)</i>	3200	20,000:1	1280 x 720	6500/4500	0.52	69"-300"	Manual Focus	HDMI, 2 VGA-in, VGA-out, composite video, audio-in, audio-out, RS-232C, USB-B	2-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"
<b>GT750ST</b>	700	10,000:1	1280 x 800	20,000+ hours LED	0.8:1	25" - 200"	Memory 1.5 GB	HDMI + MHL v2.0, Universal I/O - VGA, microSDslot, USB-A reader with support for USB Wireless dongle, Audio out	1.5 Watt Speaker	12.8 oz 4.4" x 1.6" x 4.1"

## Wireless Connectivity

Model	Description	2D & 3D streaming	Audio Support	Transmission Range	Transmitter: Weight and Size (W x H x D)	Transmitter I/O Connection Ports	Receiver: Weight and Size (W x H x D)	Receiver I/O Connection Ports
<b>WHD200</b>	<b>Wireless HD 1080p Transmission Kit</b>	Yes	Up to 5.1 channels of surround sound	100' In room (distance may vary)	7.3 oz 7.3" x 1.3" x 3.8"	2x HDMI-in, HDMI-out (for loop-through)	4.5 oz 3.8" x 1.3" x 3.8"	HDMI
Model	Description	Wi-Fi Connectivity	HDTV Resolutions	Computer and Device Mirroring/Image and Photo viewer	Video Playback - Codecs and Containers	Audio Playback - Codecs and Containers	I/O Connection Ports	Weight and Size (W x H x D)
<b>HDCast Pro - Black</b>	<b>HDMI MHL Multimedia Streaming and Mirroring Stick</b>	802.11b, 802.11.g, 802.11n with WPA and WPA2 Encryption	720p 60Hz 1080p 24Hz 1080p 30Hz	Android, iOS, and Windows	AVI, DAT, M4V, MKV, MOV, MP4, MPEG, MPEG-2, MPEG-4, H.264-AVC, TS, VC-1, VOB, WMV	AAC, M4A, MKA, MP3, FLAC, FLAC-HD, OGG, PCM-WAV, WAV, WMA, WMA2, WMA3	HDMI 1.4 MHL 2.0	0.57 lbs. 1.3" x 0.39" x 3.6" (33 x 9.9 x 91.4 mm)
Model	Description	Max Video Resolution	Extension Distance	Power Supply	Transmitter: Weight and Size (W x H x D)	Transmitter I/O Connection Ports	Receiver: Weight and Size (W x H x D)	Receiver I/O Connection Ports
<b>EVBMN-M110</b>	<b>HDBaseT HDMI Over CAT5e/6 Extender With IR, Serial &amp; Ethernet</b>	Full HD 1080p 60Hz	328' (100M)	12V DC (Phantom Power)	14.8 oz 5.5" x 3.3" x 1.3"	HDMI-in; IR Transceiver (38 KHz); Serial Port: DCE, DB9-Female; Ethernet Ports: 3x RJ45 10/100 Mbps	14.8 oz 5.5" x 3.3" x 1.3"	HDMI-out; IR Transceiver (38 KHz); Serial Port: DTE, DB9-Male; Ethernet Ports: 3x RJ45 10/100 Mbps



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Accessory options including lamps, remotes, cases and mounts, are available from authorized distributors and resellers and can be viewed at: [www.OptomaUSA.com/Products/Accessories](http://www.OptomaUSA.com/Products/Accessories)

All model numbers, product specifications and pricing are subject to change without notice.

3D viewing, lamp life and warranty details vary; please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for specific information.