

# Product Reference Guide

## February 2014



[www.OptomaUSA.com](http://www.OptomaUSA.com)

### ProScene Projectors - Interchangeable Lens

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Interchangeable Lenses	I/O	Speaker	Weight & Size (W x H D)
EH7700	\$9,999	7000	5000:1	1920 x 1200	2500/2000	Vertical & Horizontal Lens Shift Fixed Short Throw <b>BX-DLWT1</b> Short Throw <b>BX-DLWT2</b> Standard Throw <b>BX-DLST1</b> Long Throw <b>BX-DLTZ1</b> Ultra Long Throw <b>BX-DLTZ2</b>	2 HDMI, 2 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"
TH7500-NL	\$7,999	6000	2000:1	1920 x 1200	2500/2000				
TW865-NL (Black chassis) TW865-NLW (White chassis)	\$3,999	6000	4000:1	1280 x 800	2000/1500	Vertical & Horizontal Lens Shift Short Throw <b>BX-CAA01</b> Standard Throw <b>BX-CAA02</b> Long Throw <b>BX-CAA03</b>	HDMI, DVI, 2 VGA-in, VGA-out, S-video, composite, component, RGBHV BNC, 2 stereo audio-in, RCA audio-in, stereo audio-out, USB type A for wireless, mini USB, RJ45, RS-232C, wired remote in/out, 12V trigger	5-Watt	40.3 lb 21" x 7.8" x 16.5"
EH505	\$3,499	5000	2000:1	1920 x 1200	3500/1500	Vertical & Horizontal Lens Shift Short Throw <b>BX-DL080</b> Standard Throw <b>BX-DL200</b> Long Throw <b>BX-DL300</b>	Display port, HDMI, DVI-D w/ HDCP, 2 VGA-in, VGA-out, S-video, composite video, component video, 5 BNC (RGBHV/YPbPr), 2 stereo mini jack audio-in, 2 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"
W505	\$2,799	5200	2000:1	1280 x 800	3500/1500				
EH503	\$3,199	5000	2000:1	1920 x 1080	3500/1500				

### ProScene Projectors - Fixed Lens

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H D)
EH501	\$1,799	5000	15,000:1	1920 x 1080	4000/2500	1.37-2.05	23.4"-300"	Vertical Lens Shift; Manual Zoom and Focus	HDMI v1.4, DVI-D, 2 VGA-in, VGA-out, S-video, composite video, 2 stereo audio-in, stereo RCA audio in, mic-in, stereo audio-out, RJ45, RS-232C, 2 USB-A, 2 USB-B, 12V trigger	Two 15-Watt speakers	9.9 lb 15.2" x 6" x 11"
W501	\$1,599	5000	15,000:1	1280 x 800	4000/2500	1.45-2.17					
X501	\$1,499	4500	15,000:1	1024 x 768	4000/2500	1.45-2.17					

PRO | SCENE



EH7700



TW865-NLW



EH501

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

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H D)
<b>X600</b>	\$1,599	6000	10,000:1	1024 x 768	3500/2500	1.8-2.1	23.4"-300"	Manual Zoom and Focus	Display port, 2 HDMI, 2 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>	\$1,499	4700	10,000:1	1920 x 1080	3500/2500	1.59-1.91	23.6"-300"				
<b>W401</b>	\$1,099	4500	15,000:1	1280 x 800	4500/3000	1.28-1.53	36.3"-362"	Manual Zoom and Focus	HDMI v1.4a, 2 VGA-in, VGA-out, composite video, 3 audio-in, audio-out, 3D VESA, 12V trigger, RS-232C, RJ45 & mini-USB	Two 8-Watt Speakers	6.4 lb 12.7" x 3.8" x 9.2"
<b>X401</b>	\$999	4000	15,000:1	1024 x 768	4500/3000	1.6-1.92	30"-307"				

## High-End Data Projectors - Medium Room

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H D)
<b>EH300</b>	\$1,299	3500	15,000:1	1920 x 1080	6000/3500	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, 2 VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B	Two 8-Watt Speakers	6.4 lb 12.7" x 3.8" x 9.2"
<b>TW635-3D</b>	\$799	3500	10,000:1	1280 x 800	6000/3000	1.28-1.54	36.3"-362"	Manual Zoom and Focus	HDMI 1.3, 2 VGA-in, VGA-out, composite video, 2 Audio-in, Audio-out, Mic-in, RS-232, USB Type B, USB Type A, RJ45, mini USB Type B	10-Watt Speaker	4.4 lb 11.3" x 3" x 8.6"
<b>TX635-3D</b>	\$699	3500	10,000:1	1024 x 768	6000/3000	1.6-1.92	30"-307"				
<b>TW631-3D</b>	\$699	3500	10,000:1	1280 x 800	6000/3500	1.47-1.81	30"-300"	Manual Zoom and Focus	HDMI v1.4a, 2 VGA-in, VGA-out, composite video, audio-in, audio-out, 12V trigger, RS-232C, RJ45 & USB-B	7-Watt Speaker	4.9 lb 11" x 3.1" x 9.1"
<b>TX631-3D</b>	\$599	3500	10,000:1	1024 x 768	6000/3500	1.97-2.17	30"-300"				

## Ultra Short Throw and Short Throw

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H D)
<b>W307USTi</b> <i>Interactivity Kit included</i>	\$1,299	3500	15,000:1	1280 x 800	4000/3000	0.35	1.95'-2.39'	Manual Focus	HDMI v1.4a, 2 VGA-in, VGA-out, S-video, composite video, 2 audio-in, 2 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>	\$1,099	3500	15,000:1	1280 x 800	4000/3000	0.35	1.95'-2.39'				
<b>TW695UTI-3D</b> <i>Interactivity Kit included</i>	\$1,499	3500	3000:1	1280 x 800	3000/2500	0.3	77"-100"	Manual Focus	HDMI v1.3, 2 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, RS-232C	Two 5-Watt Speakers	16.8 lb 16.8" x 8.3" x 16"
<b>TW695UT-3D</b>	\$1,299	3500	3000:1	1280 x 800	3000/2500	0.3					
<b>TW610STi+</b> <i>Interactivity Kit Included</i>	\$999	3500	10,000:1	1024 x 768	6000/3500	1.97-2.17	30"-300"	Manual Focus	HDMI v1.3, 2 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, & 12V trigger	Two 5-Watt Speakers	6.9 lb 12" x 4.5" x 9.6"
<b>W306ST</b>	\$899	3500	15,000:1	1280 x 800	6000/3500	0.52	40"-300"	Manual Focus	HDMI, 2 VGA-in, VGA-out, composite video, 2 audio-in, Mic-in, audio-out, RS-232C, RJ45, mini-USB	10-Watt Speaker	5.9 lb 11.3" x 3.9" x 9.6"
<b>X306ST</b>	\$849	3200	15,000:1	1024 x 768	6000/3500	0.626	40"-300"				
<b>W305ST</b>	\$849	3200	18,000:1	1280 x 800	6000/4500	0.52	44.4"-223"	Manual Focus	HDMI, 2 VGA-in, VGA-out, S-video, composite video, audio-in, audio-out, RS-232C, USB-B	2-Watt Speakers	5.9 lb 11.3" x 3.9" x 9.6"
<b>X305ST</b>	\$799	3000	18,000:1	1024 x 768	6000/4500	0.626	39.3"-197"				

## Portable Projectors

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H D)
<b>W304M</b>	\$849	3100	10,000:1	1280 x 800	5000/4000	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>	\$849	3000	10,000:1	1024 x 768	5000/4000	1.8–2.2	30.9"–371"				
<b>W316</b>	\$649	3400	15,000:1	1280 x 800	10,000/5000	1.55–1.7	27.3"–299"	Manual Zoom and Focus	HDMI, 2 VGA-in, VGA-out, S-video, Composite video, 2 Audio-in, Audio-out, RS-232C, USB	2-Watt Speaker	5.5 lb 12.4" x 4.0" x 8.8"
<b>W303</b>	\$599	3200	15,000:1	1280 x 800	10,000/5000	1.49–1.83	30"–300"	Manual Zoom and Focus	HDMI v1.4a, 2 VGA-in, VGA-out, S-video, composite video, 2 audio-in, audio-out, RS-232C, USB-B	2-Watt Speaker	4.9 lb 12.4" x 4.6" x 8.8"
<b>X303</b>	\$499	3000	15,000:1	1024 x 768	10,000/4500	1.97–2.17					
<b>S303</b>	\$399	3000	15,000:1	800 x 600	10,000/4500	1.97–2.17					
<b>DH1011</b>	\$849	3000	13,000:1	1920 x 1080	5000/3000	1.5–1.8	37.6"–301"	Manual Zoom and Focus	2 HDMI v1.4a, 2 VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B	16-Watt Speaker	6.4 lb 12.7" x 3.8" x 9.2"
<b>DW326e</b>	\$449	3000	13,000:1	1280 x 800	6000/5000	1.55–1.7	27.2"–301"	Manual zoom and Focus	HDMI v1.4a, VGA-in, VGA-out, S-video, composite video, RS-232C, Audio-in, Audio-out	2-Watt Speaker	5 lb 11.3" x 3.9" x 7.6"
<b>DX326</b>	\$399	2800	13,000:1	1024 x 768	6500/4500	1.9–2.17	22.9"–300"				
<b>DS325</b>	\$299	2800	13,000:1	800 x 600	6500/4500	1.9–2.17	22.9"–300"		VGA-in, S-video, composite video, RS-232C	n/a	

## Lamp-Free Data Projectors

Model	MAP	Lumens	Contrast Ratio	Native Resolution	LED Life	Throw Ratio	Image Size	Memory	I/O	Speaker	Weight & Size (W x H D)
<b>ZW212ST</b>	\$1,599	2500	1000,000:1	1280 x 800	20,000+ Hours	0.52	44.6"–300"	n/a	HDMI, VGA-in, mini-USB for display, USB for wireless, VGA-out, S-Video, composite video, audio-in, audio-out, SD card, RJ45 & mini-din RS-232C	2-Watt Speaker	9.4 lb 12.6" x 3.9" x 9.1"
<b>ZX212ST</b>	\$1,499	2300	1000,000:1	1024 x 768	20,000+ Hours	0.626	39.3"–300"				
<b>ML1000P</b>	\$799	1000	15,000:1	1280 x 800	20,000+ hours LED	1.4	17"–100"	n/a	HDMI, VGA-in, composite video, audio-in, audio-out, USB-A (reader/wireless), USB-A (Re-charging Port), Micro-USB, SD Card	Two 3-Watt Speakers	3 lb 10" x 1.9" x 6.7"
<b>ML750</b>	\$599	700	10,000:1	1280 x 800	20,000+ hours LED	1.5	17"–100"	1.5GB internal	24-pin universal port (VGA), HDMI, microSD, USB-A	1-Watt Speaker	14.1 oz 4.1" x 1.5" x 4.2"
<b>ML550</b>	\$499	500	10,000:1	1280 x 800	20,000+ hours LED	1.5	17"–100"		24-pin universal port (VGA), HDMI, audio-out, micro-SD, USB-A		
<b>PK320</b>	\$379	100	3000:1	854 x 480	20,000+ hours LED	1.8	5"–150"	2GB internal	Mini HDMI, microSD Slot, 24-Pin Universal Port for VGA, 2.5 mm AV Input (Composite Video & Stereo Audio-In), Micro USB, 3.5 mm Audio-Out, DC Input	1-Watt Speaker	8.3 oz 4.7" x 1.2" x 2.7"



W316



ML1000



ML750



## Home Entertainment Projectors

Model	MAP	Lumens	Contrast Ratio	Native Resolution	Lamp Life (STD/BRT)	Throw Ratio	Image Size	Projection Lens	I/O	Speaker	Weight & Size (W x H x D)
<b>GT760</b> <i>(Short Throw)</i>	\$649	3400	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>HD25-LV</b>	\$1,299	3200	20,000:1	1920 x 1080	6000/3500	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, 2 VGA-in, VGA-out, 3D VESA Port, composite video, two audio-in, audio-out, RS-232C, USB-B	Two 8-Watt Speakers	6.4 lb 12.7" x 3.8" x 9.2"
<b>H180X</b>	\$499	3000	18,000:1	1280 x 720	6000/5000	1.55-1.7	27.2"-301"	Manual Zoom and Focus	HDMI v1.4a, VGA-in, VGA-out, S-video, composite video, RS-232C, Audio-in, Audio-out	2-Watt Speaker	5 lb 11.3" x 3.9" x 7.6"
<b>HD25e</b>	\$949	2800	20,000:1	1920 x 1080	6000/3500	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, VGA-in, 3D VESA, composite video, two audio-in, audio-out, RS-232C, USB-B	10-Watt Speaker	6.4 lb 12.7" x 3.8" x 9.2"
<b>HD131Xe</b>	\$799	2500	18,000:1	1920 x 1080	6000/3500	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, VGA-in, composite video, two audio-in, audio-out, 3D VESA, RS-232C, USB-B	10-Watt Speaker	6.4 lb 12.7" x 3.8" x 9.2"
<b>HD131Xw</b>	\$799	2500	18,000:1	1920 x 1080	6000/3500	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, VGA-in, composite video, two audio-in, audio-out, 3D VESA, RS-232C, USB-B	10-Watt Speaker	6.4 lb 12.7" x 3.8" x 9.2"
<b>HD30B</b>	\$1,799	1600	25,000:1	1920 x 1080	4000/3000	1.5-1.8	37.6"-301"	Manual Zoom and Focus	2 HDMI v1.4a, 2 VGA-in, VGA-out, 3D VESA Port, composite video, 2 audio-in, audio-out, RS-232C, USB-B	Two 8-Watt Speakers	6.4 lb 12.7" x 3.8" x 9.2"



HD25-LV



HD131Xe



GT760

## 3D Accessories

Model	MAP	3D Source	Frame Rate	Battery Life	Weight & Size (W x H x D)
<b>BG-ZD301</b>	\$59	Blu-Ray/DVD Players, Gaming Consoles, PC, Set Top Boxes	96Hz, 100Hz, 120Hz, 144Hz	Rechargeable, 60 Hours	.1 lb Open: 6.3" x 1.5" x 6.4" Folded: 6.3" x 1.5" x 1.5"
<b>BG-ZF2100GLS</b>	\$99	Blu-Ray/DVD Players, Gaming Consoles, PC, Set Top Boxes	96Hz, 100Hz, 120Hz, 144Hz	Rechargeable, 15 hours continuous use	.1 lb 6.8" x 1.5" x 6.6"
Model	MAP	3D Source	Weight & Size (W x H x D)		
<b>BG-BC100B</b>	\$49	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	.08 lb 1.8" x 0.7" x 1.3"		



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.

[www.OptomaUSA.com](http://www.OptomaUSA.com)