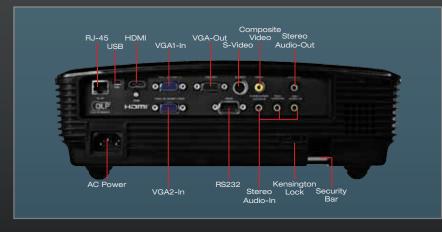


## Optoma TX542-3D | Multimedia Projector

## **Best In Class**





Multi-Directional Selector Right Mouse Left Mouse Re-Sync Page Up/Down Volume Brightness Zoom **AV Mute** S-Video Video VGA

Optoma's TX542-3D is designed to meet the demanding requirements of school districts and businesses. Bright, high contrast images provide easy-to-read text, and the built-in closed captioning decoder displays text from videos that have closed captioning embedded in the signal. Wired networking allows remote management and control of the projector, and a built-in 10-watt speaker system outputs volume required for larger audiences. Optoma backs the TX542-3D with 3 years of Express Replacement Service and a one year lamp warranty to provide added peace of mind.

3D content can be viewed with active LCD shutter glasses when the projector is connected to a computer with a compatible 3D graphics card. Please visit www.optoma.com for more information.

## **TX542-3D FEATURES**

Easy-to-read text - bright at 2800 ANSI lumens and high 3000:1 contrast ratio

Broadcast messages to the projector over the network

Eco-friendly low power consumption - sub-one watt standby mode

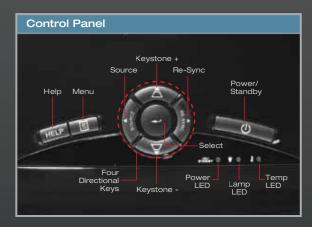
Remote management and control via RS-232 or RJ45

Protect your investment - built-in security bar, control panel lock, logo display at start-up and user-selectable password

Built-in closed captioning

## TX542-3D | Multimedia Projector

Projection Distance/Image Size			
Projection Distance (Feet)	Maximum Diagonal (Inches)	Minimum Diagonal (Inches)	
6			
8		63	
10		78	
12		94	
14		109	
18	169	141	



Optional Accessories		
Lamp:	BL-FP180E	
Remote:	BR-5030L	
Wireless Dongle:	BI-EXTGB	
Power Cord (1m):	BC-PUPIXY01	
Power Cord (11m):	BC-PUPIXY11	
S-Video Cable (1.8m):	BC-SVSVXX02	
Composite Cable (1.8m):	BC-COCOXX02	
VGA Cable (5m):	BC-VGVGXX05	
VGA to Component Cable (5m):	BC-VGCRXX05	
VGA to Component Adapter:	BC-VGCRXY00	
Ceiling Mount:	BM-5001U	
Carrying Case:	BK-4028	
100" Matte White 4:3 Manual Pull-Down Screen:	DS-3100PMG+	

Display Technology:         Single 0.55° DMD DLP= Technology by Texas Instruments           Resolution:         Native XGA (1024 x 788)           Maximum Resolution:         UXGA (1600 x 1200)           Brightness (Typical):         2800 ANSI Lumens           Contrast Ratio:         30001 (Ful On-Ful Off)           Lamp Type:         1600 PA-VIP           Lamp Life (STD/Bright)+:         25th State of \$5000/4000 Hours           Throw Ratio:         16 to 1921 (Distance/Worth)           Image Size (Dlagonal):         30° to 307° (0.92 to 9.21 m)           Projection Distance:         393° to 328° (1.2 to 10.0 m)           Noise Level (STD/Bright):         290E/91dB           Remote Control:         UXSA, WXGA, SXGA, XSA, SVGA, VGA Resezed, VESA, PC and Marindan Compatibility:           Video Compatibility:         1201/2 Frame Sequential 3D for Placetions Up to 720p, 60°42 Field Sequential 3D for Placetions Up to 480;           Aspect Ratio:         4.3 Native, 169.8 field Compatible           Projection Lens:         F=24-2.66, fiel8-2-218 mm, 12x Menual Zoom and Focus           Off Set:         115%           Loop Through:         Mornito: D-Sub 15-Pin VGA Output           Audio:         Xmo 5-Visit Steroe Speakers           Keystone Correction:         ± 40° Vertical           Vertical Refresh Rate:         25 to 100 Hz. <th colspan="3">Specifications</th>	Specifications		
Maximum Resolution:         UXGA (1600 x 1200)           Brightness (Typical):         2800 ANSI Lumens           Contrast Ratio:         30001 (Full On/Full Off)           Lamp Type:         180W P-V/P           Lamp Life (STD/Bright)*:         Estimated at 5000/4000 Hours           Throw Ratio:         1.6 to 1-92:1 (Detance-Width)           Image Size (Diagonal):         30° to 30° (0.92 to 9.21 m)           Projection Distance:         3.93° to 32.8" (1.2 to 10.0 m)           Noise Level (STD/Bright):         29cB/31dB           Remote Control:         Fully Featured Remote with Mouse and Laser Pointer           Computer Compatibility:         UXGA, WXGA, SXGA+, XGA, SVGA, VGA Resized, VESA, PC and Macritosh Compatible           Video Compatibility:         120-12 Frame Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3D for Resolutions up to 720p, 60Hz Feld Sequential 3	Display Technology:	Single 0.55" DMD DLP® Technology by Texas Instruments	
Brightness (Typical): 2800 ANSI Lumens  Contrast Ratio: 3000.1 (Full On/Full Off)  Lamp Type: 1800/P-VIP  Lamp Life (STD/Bright)*: Estimated at 5000/4000 Hours  Throw Ratio: 1.6 to 1.92.1 (Distance/Width)  Image Size (Diagonal): 30° to 30° (0.92 to 9.21 m)  Projection Distance: 3.93° to 32.8° (1.2 to 10.0 m)  Noise Level (STD/Bright): 2808/3163  Remote Control: Fully Featured Remote with Mouse and Laser Pointer  Computer Compatibility: UNGA WIGA, SVGA+, XGA, SVGA VGA Resized, VESA, PC and Macintosh Compatible  Video Compatibility: 10/CA WIGA, SVGA+, XGA, SVGA VGA Resized, VESA, PC and Macintosh Compatible  Video Compatibility: 120Hz Frame Sequential 30 for Resolutions Up to 720p, 1080//p)  3D Compatibility: 120Hz Frame Sequential 30 for Resolutions Up to 720p, 60Hz Feld Sequential 30 for Resolutions Up to 4801  Aspect Ratio: 4.3 Native, 169 8. 16:10 Compatible  Projection Lens: F-2.4-2.66, f-18.2-21.8 mm, 1.2x Manual Zoom and Focus  Off Set: 115%  Loop Through: Montor, D-Sub 15-Pin VGA Output Audio: Storeo Mini-Jack Output (Functional in Both Normal Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Storeo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 bs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 rm)  Projection Method: Fin Charle, G* 10 40° (0, 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Projection Method: Fin Charle, G* 10 40° (0, 80% Max Humidity, Adjustable Fan Speed for High Altitude Application (Insurance Audio-Out, USB, RS-232 and R-45  Standard Accessories: Keneington® Lock, Keypad Lock, Security Ber  VO Connectors: HDML Two VGA-Cable, Min USB Cable, Permote Control, Batties For Remote, Lens Qap, Quick Start Card, CD-ROM Users Manual and Warranty Card  Optional Accessories: Wireless Dongle, Celing Mount, HDML Cable, V	Resolution:	Native XGA (1024 x 768)	
Contrast Ratio:         30001 (Full On/Full Off)           Lamp Type:         180W P-VIP           Lamp Life (STD/Bright)*:         Estimated at 5000/4000 Hours           Throw Ratio:         1.6 to 1-92-ft (Detanoe/Wolfth)           Image Size (Diagonal):         30° to 307° (0.92 to 9.21 m)           Projection Distance:         3.93° to 32.8° (1.2 to 100 m)           Noise Level (STD/Bright):         29dB/3dB           Remote Control:         Fully Featured Remote with Mouse and Laser Pointer           Computer Compatibility:         UXQA_WXQA_SXQA+, X2A_SVGA, VGA Resized, VESA_PC and Macritoch Compatible           Video Compatibility:         NTSC, PAL_SECAM, SDTV (480), EDTV (480p), HDTV (720p, 1080/p)           3D Compatibility:         120°Hz Frame Sequential 3D for Resolutions Up to 720p, 60°Hz Field Sequential 3D for Resolutions Up to 480n           Aspect Ratio:         4:3 Native, 169 & 16:10 Compatible           Projection Lens:         Fr-2.4-2.66, f-182-2-21.8 mm, 1.2x Manual Zoom and Focus           Off Set:         115%           Loop Through:         Montor, D-Sub 15-Pin VGA Output Audio: Storeo Mini-Jack Output (Functional in Both Normal and Standby Modes)           User Controls:         Complete On-Screen Meru Adjustments in 23 Languages           Audio:         Two 5-Watt Stereo Speakers           Keystone Correction:         ± 40° Vertical <t< td=""><td>Maximum Resolution:</td><td>UXGA (1600 x 1200)</td></t<>	Maximum Resolution:	UXGA (1600 x 1200)	
Lamp Type: 150W P-VIP  Lamp Life (STD/Bright)*: Estimated at 5000/4000 Hours  Throw Ratio: 1.6 to 192:1 (Distances/Wolft)  Image Size (Diagonal): 30° to 30° (0.92 to 9.21 m)  Projection Distance: 3.93° to 32.8° (1.2 to 10.0 m)  Noise Level (STD/Bright): 29db/3fdB  Remote Control: Fully Featured Remote with Mouse and Laser Pointer  Computer Compatibility: UXA WXGA, SXGA+, XGA, SVGA, VGA Resized, VESA, PC and Machitoch Compositible  Video Compatibility: NTSC, PAL, SECAM, SDTV (480), EDTV (480p), HDTV (720p, 1080l/p)  3D Compatibility: 120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Reid Sequential 3D for Resolutions Up to 720p, 60Hz Reid Sequential 3D for Resolutions Up to 720p, 60Hz Reid Sequential 3D for Resolutions Up to 480i  Aspect Ratio: 4.3 Natilve, 16.9 à 16:10 Compatible  Projection Lens: F=2.4 - 2.66, F18.2 - 21.8 mm, 1.2x Manual Zoom and Focus  Off Set: 115%  Loop Through: Montor D-Sub 15-Pin VGA Output (Functional in Both Normal and Standby Modes)  User Controls: Compete On-Screen Neru Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: 4 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-80 Hz, Auto-Switching  Power Consumption: 255 Watts (Brighth, 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 bs (2.8 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104° 16° to 40° (0), 80% Max Humidity, Adjustable Fan Speed for High Alltude Application  Displayable Colors: 107 Billon  Projection Method: Front, Rear, Celling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: ACP Court, USA to VGA Cable, Min USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wisess Dongle, Celling Mount, FDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, PS-232 Cable and Panoview Pin Series Screens	Brightness (Typical):	2800 ANSI Lumens	
Lamp Life (STD/Bright)*: Estimated at 5000/4000 Hours	Contrast Ratio:	3000:1 (Full On/Full Off)	
Throw Ratio:	Lamp Type:	180W P-VIP	
Image Size (Diagonal): 30" to 307" (0.92 to 9.21 m)  Projection Distance: 3.93" to 32.8" (f.2 to 10.0 m)  Noise Level (STD/Bright): 29dB/3fdB  Remote Control: Fully Featured Remote with Mouse and Laser Pointer  Computer Compatibility: UXGA, WGA, XGA, XGA, XGA, VGA Resized, VESA, PC and Mecintosh Compatibility: UXGA, WGA, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Mecintosh Compatibility: NTSC, PAL, SECAM, SDTV (480), EDTV (480p), HDTV (720p, 1080/p)  3D Compatibility: 120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 4801  Aspect Ratio: 4:3 Native, 18:9 & 16:10 Compatible  Projection Lens: F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor, D-Sub 15-Ph VGA Output, Audio: Stereo Min-Jack Output, Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Wett Stereo Speakers  Keystone Correction: ± 40" Vertical  Horizontal Scan Rate: 15.3 to 91;1 KHz  Power Supply: AC input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76" x 3.82" x 9.21" (324 x 97 x 234 mm)  Operating Temperature: HDM, Two VGA-In, VGA-Out, S-Vedeo, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Security: Kensington® Look, Keypad Look, Security Bar  I/O Connectors: HDM, Two VGA-In, VGA-Out, S-Vedeo, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories: Wreless Dongle, Celling Mount, Table Top Uniformity: 250 kg. Premote Control. Batteries for Parmote, Lens Cap, Culcik Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wreless Dongle, Celling Mount, HDM/I Cable, VGA to Component Cable, S-Video, Cable, Composite Video Cable, RS-232 Cable and Panoview™  Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Lamp Life (STD/Bright)*:	Estimated at 5000/4000 Hours	
Projection Distance: 3.93' to 32.8' (1.2 to 10.0 m)  Noise Level (STD/Bright): 29dB/31dB  Remote Control: Fully Featured Remote with Mouse and Laser Pointer  Computer Compatibility: WXGA, WXGA, XXGA+, XXGA, XYGA, VXGA Resized, VESA, PC and Macintosh Compatible  Video Compatibility: NTSC, PAL, SECAM, SDTV (480), EDTV (480p.), HDTV (720p. 1080l/p)  3D Compatibility: 120Hz Frame Sequential 3D for Resolutions Up to 720p. 60Hz Reld Sequential 3D for Resolutions Up to 480l  Aspect Ratio: 4:3 Native, 16:98 4.6:10 Compatible  Projection Lens: F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output (incitonal in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keyped Lock, Security Bar  I/O Connectors: AC Power Cord, VGA to VGA Cable, Min USB Cable, Remote Control, Batteries for Pemote, Lens Cap, Ouick Start Card, CO-ROM User's Manual and Warranty Card  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Throw Ratio:	1.6 to 1.92:1 (Distance/Width)	
Noise Level (STD/Bright):         29dB/31dB           Remote Control:         Fully Featured Remote with Mouse and Laser Pointer           Computer Compatibility:         UXGA, WXGA, SXGA+, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible           Video Compatibility:         NTSC, PAL, SECAM, SDTV (480), EDTV (480p), HDTV (720p, 1080/p)           3D Compatibility:         120tb Frame Sequential 3D for Resolutions Up to 4800           Aspect Ratio:         4:3 Native, 16:98 & 16:10 Compatible           Projection Lens:         F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus           Off Set:         115%           Loop Through:         Monitor D-Sub 15-Pin VGA Output Audio: Stereo Mini-Jack Output (Functional Index Output (Functi	Image Size (Diagonal):	30" to 307" (0.92 to 9.21 m)	
Remote Control:         Fully Featured Remote with Mouse and Laser Pointer           Computer Compatibility:         UXGA, WXGA, SXGA+, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible           Video Compatibility:         NTSC, PAL, SECAM, SDTV (480), EDTV (480), HDTV (720p, 1080l/p)           3D Compatibility:         120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 480l           Aspect Ratio:         4:3 Native, 16:9 & 16:10 Compatible           Projection Lens:         F=2.4-2.66, f=18.2-21.8 mm, 1/2x M anual Zoom and Focus           Off Set:         115%           Loop Through:         Monitor: D-Sub 15-Pin VGA Output Audio, Stereo Miri-Jack Output (Functional in Both Normal and Standby Modes)           User Controls:         Complete On-Screen Menu Adjustments in 23 Languages           Audio:         Two 5-Watt Stereo Speakers           Keystone Correction:         ± 40° Vertical           Vertical Refresh Rate:         25 to 120 Hz           Horizontal Scan Rate:         15.3 to 91.1 KHz           Power Supply:         AC Input 100-240V, 50-60 Hz, Auto-Switching           Power Consumption:         255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Projection Distance:	3.93' to 32.8' (1.2 to 10.0 m)	
Computer Compatibility: UXGA, WXGA, SXGA+, XGA, SVGA, VGA Pesized, VESA, PC and Macintosh Compatible  Video Compatibility: NTSC, PAL, SECAM, SDTV (480p), EDTV (720p, 1080/p)  3D Compatibility: 120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 480i  Aspect Ratio: 4:3 Native, 16:9 & 16:10 Compatible  Projection Lens: F-2.4-2.66, f-18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 bs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Look, Keypad Look, Security Bar  I/O Connectors: HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Qut, USB, RS-232 and R.145  Standard Accessories: Were Servers Replacement Service, One Year on Lamp  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Noise Level (STD/Bright):	29dB/31dB	
Wideo Compatibility:       NTSC, PAL, SECAM, SDTV (480l), EDTV (480p), HDTV (720p, 1080l/p)         3D Compatibility:       120Hz France Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 480l         Aspect Ratio:       4:3 Native, 16:9 & 16:10 Compatible         Projection Lens:       F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus         Off Set:       115%         Loop Through:       Monitor: D-Sub 15-Pin VGA Output         Audio:       Stereo Mini-Jack Output         (Functional in Both Normal and Standby Modes)         User Controls:       Complete On-Screen Menu Adjustments in 23 Languages         Audio:       Two 5-Watt Stereo Speakers         Keystone Correction:       ± 40° Vertical         Vertical Refresh Rate:       25 to 120 Hz         Horizontal Scan Rate:       15.3 to 91.1 KHz         Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Remote Control:	Fully Featured Remote with Mouse and Laser Pointer	
3D Compatibility: 120Hz Frame Sequential 3D for Resolutions Up to 720p, 60Hz Field Sequential 3D for Resolutions Up to 480l  Aspect Ratio: 4:3 Native, 16:9 & 16:10 Compatible  Projection Lens: F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output Audio: Stereo Mini-Jack Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Attitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Computer Compatibility:		
Sequential 3D for Resolutions Up to 480i  Aspect Ratio: 4:3 Native, 16:9 & 16:10 Compatible  Projection Lens: F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104′F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-Out, UsB, RS-232 and RJ45  Standard Accessories: AC Power Cord, VGA to VGA-Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Weress Dongle, Celling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview Marranty Card  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Video Compatibility:	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)	
Projection Lens: F=2.4-2.66, f=18.2-21.8 mm, 1.2x M anual Zoom and Focus  Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output Audio: Stereo Mini-Jack Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76" x 3.82" x 9.21" (324 x 97 x 234 mm)  Operating Temperature: 41° to 104" (5° to 40°0, 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: AC Power Cord, VGA to VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Un, USB, RS-232 and Ru45  Standard Accessories: AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	3D Compatibility:		
Off Set: 115%  Loop Through: Monitor: D-Sub 15-Pin VGA Output Audio: Stereo Mini-Jack Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82° x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104° F (5° to 40° C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: AC Power Cord, VGA to VGA, Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Aspect Ratio:	4:3 Native, 16:9 & 16:10 Compatible	
Loop Through:  Monitor: D-Sub 15-Pin VGA Output (Functional in Both Normal and Standby Modes)  User Controls:  Complete On-Screen Menu Adjustments in 23 Languages  Audio:  Two 5-Watt Stereo Speakers  Keystone Correction:  ± 40° Vertical  Vertical Refresh Rate:  25 to 120 Hz  Horizontal Scan Rate:  15.3 to 91.1 KHz  Power Supply:  AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption:  255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight:  6.4 lbs (2.9 kg)  Dimensions (W x H x D):  12.76° x 3.82" x 9.21° (324 x 97 x 234 mm)  Operating Temperature:  41° to 104° F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors:  1.07 Billion  Projection Method:  Front, Rear, Ceiling Mount, Table Top  Uniformity:  85%  Security:  Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors:  HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories:  AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories:  Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty:  Three Years Optoma Express Replacement Service, One Year on Lamp	Projection Lens:	F=2.4~2.66, f=18.2~21.8 mm, 1.2x M anual Zoom and Focus	
Audio: Stereo Mini-Jack Output (Functional in Both Normal and Standby Modes)  User Controls: Complete On-Screen Menu Adjustments in 23 Languages  Audio: Two 5-Watt Stereo Speakers  Keystone Correction: ± 40° Vertical  Vertical Refresh Rate: 25 to 120 Hz  Horizontal Scan Rate: 15.3 to 91.1 KHz  Power Supply: AC Input 100-240V, 50-60 Hz, Auto-Switching  Power Consumption: 255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)  Weight: 6.4 lbs (2.9 kg)  Dimensions (W x H x D): 12.76° x 3.82" x 9.21° (324 x 97 x 234 mm)  Operating Temperature: 41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories: AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Off Set:	115%	
Audio:       Two 5-Watt Stereo Speakers         Keystone Correction:       ± 40° Vertical         Vertical Refresh Rate:       25 to 120 Hz         Horizontal Scan Rate:       15.3 to 91.1 KHz         Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Loop Through:	Audio: Stereo Mini-Jack Output	
Keystone Correction:       ± 40° Vertical         Vertical Refresh Rate:       25 to 120 Hz         Horizontal Scan Rate:       15.3 to 91.1 KHz         Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	User Controls:	Complete On-Screen Menu Adjustments in 23 Languages	
Vertical Refresh Rate:       25 to 120 Hz         Horizontal Scan Rate:       15.3 to 91.1 KHz         Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Audio:	Two 5-Watt Stereo Speakers	
Horizontal Scan Rate:       15.3 to 91.1 KHz         Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Keystone Correction:	± 40° Vertical	
Power Supply:       AC Input 100-240V, 50-60 Hz, Auto-Switching         Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Vertical Refresh Rate:	25 to 120 Hz	
Power Consumption:       255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	Horizontal Scan Rate:	15.3 to 91.1 KHz	
Weight:       6.4 lbs (2.9 kg)         Dimensions (W x H x D):       12.76" x 3.82" x 9.21" (324 x 97 x 234 mm)         Operating Temperature:       41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application         Displayable Colors:       1.07 Billion         Projection Method:       Front, Rear, Ceiling Mount, Table Top         Uniformity:       85%         Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Power Supply:	AC Input 100-240V, 50-60 Hz, Auto-Switching	
Dimensions (W x H x D):       12.76" x 3.82" x 9.21" (324 x 97 x 234 mm)         Operating Temperature:       41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application         Displayable Colors:       1.07 Billion         Projection Method:       Front, Rear, Ceiling Mount, Table Top         Uniformity:       85%         Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Power Consumption:	255 Watts (Bright), 233 Watts (STD), <1 Watt (Standby)	
Operating Temperature:       41° to 104°F (5° to 40°C), 80% Max Humidity, Adjustable Fan Speed for High Altitude Application         Displayable Colors:       1.07 Billion         Projection Method:       Front, Rear, Ceiling Mount, Table Top         Uniformity:       85%         Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Weight:	6.4 lbs (2.9 kg)	
High Altitude Application  Displayable Colors: 1.07 Billion  Projection Method: Front, Rear, Ceiling Mount, Table Top  Uniformity: 85%  Security: Kensington® Lock, Keypad Lock, Security Bar  I/O Connectors: HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories: AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Dimensions (W x H x D):	12.76" x 3.82" x 9.21" (324 x 97 x 234 mm)	
Projection Method:       Front, Rear, Ceiling Mount, Table Top         Uniformity:       85%         Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Operating Temperature:		
Uniformity:       85%         Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Displayable Colors:	1.07 Billion	
Security:       Kensington® Lock, Keypad Lock, Security Bar         I/O Connectors:       HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45         Standard Accessories:       AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card         Optional Accessories:       Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens         Warranty:       Three Years Optoma Express Replacement Service, One Year on Lamp	Projection Method:	Front, Rear, Ceiling Mount, Table Top	
I/O Connectors:  HDMI, Two VGA-In, VGA-Out, S-Video, Composite Video, Three Stereo Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories:  AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories:  Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty:  Three Years Optoma Express Replacement Service, One Year on Lamp	Uniformity:	85%	
Audio-In, Stereo Audio-Out, USB, RS-232 and RJ45  Standard Accessories:  AC Power Cord, VGA to VGA Cable, Mini USB Cable, Remote Control, Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories:  Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Vicleo Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty:  Three Years Optoma Express Replacement Service, One Year on Lamp	Security:	Kensington® Lock, Keypad Lock, Security Bar	
Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual and Warranty Card  Optional Accessories: Wireless Dongle, Ceiling Mount, HDMI Cable, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	I/O Connectors:		
S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens  Warranty: Three Years Optoma Express Replacement Service, One Year on Lamp	Standard Accessories:	Batteries for Remote, Lens Cap, Quick Start Card, CD-ROM User's Manual	
	Optional Accessories:	S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™	
<b>UPC:</b> 796435 41 178 7	Warranty:	Three Years Optoma Express Replacement Service, One Year on Lamp	
	UPC:	796435 41 178 7	

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ann life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time

