

## TS551 – Multimedia Projector

### Deliver Detail to Grab Your Audience

The Optoma TS551, a 2800-lumen SVGA projector with a robust 3500:1 contrast ratio, lets presenters deliver detailed and effective presentations that impact audiences. Compact at less than five pounds, this projector can be easily moved to wherever it's needed. Educators and business users alike will appreciate the connectivity flexibility offered by the HDMI connector and 3D-capability that supports delivery of emerging content offerings from a broad range of input sources.



### Features

- Brightness at 2800 ANSI lumens and 3500:1 high contrast ratio
- 3D-capable
- Built-in closed captioning
- Power saving eco-friendly at <0.5W
- Logo capture feature

### Specifications

**Display Technology**  
Single 0.55" DC3 DMD DLP®  
Technology by Texas Instruments

**Resolution**  
Native SVGA (800 x 600)

**Maximum Resolution**  
UXGA (1600 x 1200)

**Brightness (Typical)**  
2800 ANSI Lumens

**Contrast Ratio**  
3500:1 (Full On/Full Off)

**Lamp Life and Type**  
6500/6000/5000 Hours (Dynamic  
Eco/Eco/Normal)  
180W P-VIP

**Throw Ratio**  
1.97 to 2.17 (Distance/Width)

**Projection Distance**  
3.94' to 39.4' (1.2 to 12m)

**Image Size (Diagonal)**  
30" to 300" (0.76 to 7.62m)

**Aspect Ratio**  
4:3 Native, 16:9 and 16:10  
Compatible

**Remote Control**  
IR Remote with Laser Pointer

**Audio**  
2-Watt Stereo Speaker

**Displayable Colors**  
1.07 Billion

**Offset**  
115% ±5%

**Uniformity**  
85%

**Keystone Correction**  
±40° Vertical

**Computer Compatibility**  
UXGA, WXGA, SXGA+, SXGA, XGA,  
SVGA, VGA Resized, VESA, PC and  
Macintosh Compatible

**Video Compatibility**  
NTSC, PAL, SECAM, SDTV (480i), EDTV  
(480p), HDTV (720p, 1080i/p)

**3D Compatibility\*\***  
120Hz Frame Sequential 3D for  
Resolutions Up to 720p, 60Hz Field  
Sequential 3D for Resolutions Up to 480i

**Horizontal Scan Rate**  
15.3 to 91.1 KHz

**Vertical Refresh Rate**  
24-85Hz, 120 Hz

**Loop Through**  
Monitor: D-Sub 15-Pin VGA Output  
Audio: Stereo Mini-Jack Output  
(Functional in Both Normal and Standby  
Modes)

**Projection Lens**  
F= 2.4-2.66, f= 18.2-21.8mm,  
1.1x Manual Zoom and Focus

**User Controls**  
Complete On-Screen Menu Adjustments  
in 23 Languages

**I/O Connectors**  
HDMI, Two VGA-In, VGA-Out, S-Video,  
Composite Video, Audio-In, Audio-Out,  
RS-232 and USB Type B

**Security**  
Kensington® Lock, Security Bar and  
Keypad Lock

**Projection Method**  
Front, Rear, Ceiling Mount, Table Top



**Weight**  
4.9 lbs (2.2kg)

**Dimensions (W x H x D)**  
11" x 9.06" x 3.03"  
(279 x 230 x 76.96 mm)

**Noise Level (STD/Bright)**  
28dB/30dB

**Operating Temperature**  
41 to 104°F (5 to 40°C),  
80% Max Humidity

**Power Supply**  
AC Input 100-240V, 50-60Hz,  
Auto-Switching

**Power Consumption**  
255 Watts (Normal), 230 Watts  
(ECO), <0.5 Watt  
(Standby-Eco)

**Standard Accessories**  
AC Power Cord, VGA to VGA  
Cable, Remote Control,  
Batteries for Remote, USB  
Cable, Carrying Case, Lens  
Cap, CD-ROM User's Manual,  
Quick Start Card and Warranty  
Card

**Optional Accessories**  
Ceiling Mount, HDMI Cable,  
VGA to Component Cable,  
S-Video Cable, Composite  
Video Cable, RS-232 Cable  
and Panoview™ Series  
Screens

**Warranty**  
3-Year Optoma Express  
Replacement Service,  
1-Year on Lamp

**UPC**  
796435 81 133 4

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

\*\*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](http://www.optoma.com) for more information.