



### Key Features

- Brightness at 2800 ANSI lumens and 3500:1 high contrast ratio
- 3D-capable
- Power saving eco-friendly at <0.5W
- Top-loading lamp design streamlines replacement

The Optoma DS551, 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.

### Detail 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)  
1080p (1920 x 1080)

**Brightness**  
2800 ANSI Lumens

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

**Lamp Life and Type**  
6000/5000 Hours (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

**Noise Level**  
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, Carrying  
Case, CD-ROM User's Manual,  
Quick Start Card and Warranty  
Card

**Optional Accessories**

USB Cable, Ceiling Mount, VGA to Component Cable, S-Video Cable, Composite Video Cable, RS-232 Cable and Panoview™ Series Screens Remote Control with Laser Pointer, DLP Link 3D Glasses

**Warranty**

2 Years Limited Parts and Labor, 1 Year on Lamp

**UPC**

796435 81 129 7

**Accessory Part Numbers**

Lamp: BL-FP180F

Remote: BR-3057L

Carrying Case: BK-4018

**Video File 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)