Optoma

ES523ST/EW533ST
DLP® Projector

Project in the smallest of spaces

Large screen image from just 1m away

Project in the smallest of rooms with the Optoma short throw ES523ST/EW533ST projector. Installed or on the move, the versatile ES523ST/EW533ST incorporates extensive connectivity and powerful double 5W stereo speakers. At 2500L, the ES523ST/EW533ST is easy to use and ensures crystal clear, bright projection for the best business and education presentations.

The environmentally friendly ES523ST/EW533ST has energy saving features including <1W standby mode and auto power off saving you both time and money. Long lamp life of 5000hrs combined with our unique Optoma Color and Imager guarantees ensure hassle-free, long-lasting projection.

Supports 120Hz playback

Short throw lens for easy projection

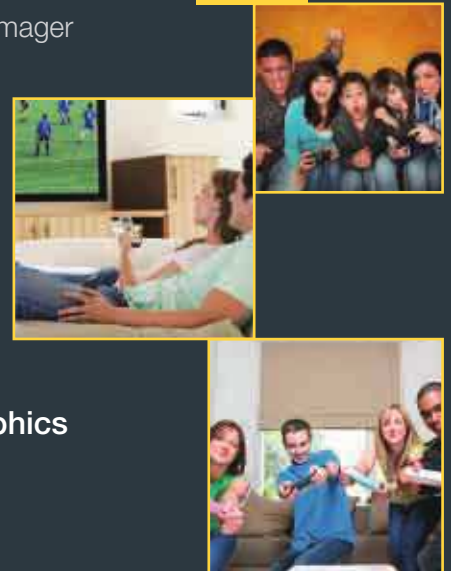**3**000:1 contrast ratio for sharp, detailed presentations and graphics

Bright projection – 2500 ANSI Lumens

Cable free presentations with wireless convenience

Low ownership costs – up to 5000hrs lamp life

Portable – backpack provided for easy transportation

Environmentally friendly design <1W standby mode

BrilliantColor™ DLP

5 year IMAGER GUARANTEE

COLOR GUARANTEED 5 YEARS

3D

ES523ST / EW533ST
DLP® Projector

Specification	ES523ST	EX533ST
Native Resolution	SVGA 800 x 600	WXGA 1280 x 800
Brightness	2500 ANSI Lumens	
Contrast	3000:1	
Noise Level	27dB in Standard mode	
Lamp Life**	5000 / 3000 (STD/BRIGHT mode)	
Projection Lens	F Number: 2.55 Focus Length: 10.19mm Focus/Zoom: Type Manual Focus/2.0x Digital Zoom	
Throw Ratio	0.9 :1	0.72:1
Projection Distance	0.5m ~ 5.5m	0.5 - 5m
Image Size	27.3" – 300" Diagonal 4:3	32.24" - 322.41" Diagonal 16:10
Display Technology	Single 0.55" SVGA DMD chip DLP® Technology by Texas Instruments	Single 0.65" WXGA DMD chip DLP® Technology by Texas Instruments
Offset	115%	112.4%
Weight / Dimensions	2.9 kg / 324 x 234 x 97mm (W x D x H)	
INPUTS/OUTPUT	15 Pin D-Sub VGA S-Video Composite Stereo RCA-Audio Audio-Out (Ø 3.5)	HDMI (HDCP) 15 Pin D-Sub VGA S-Video Composite Stereo RCA-Audio Audio-Out (Ø 3.5)
CONTROL	RS232 - 9 Pin D-sub	RS232 - 9 Pin D-sub
Speaker	5W Speaker x2	
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 16:9/4:3 Compatible
Keystone Correction	± 40° Vertical	
Video Compatibility	PAL SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p	
Uniformity	85%	
Displayable Colors	1.07 Billion	
Scan Rate	(Horizontal)15 - 91kHz (Vertical)25 - 85Hz	
Power Supply	100 - 240V, 50 - 60Hz	
3D Support	120Hz frame sequential 3D for 800x600 /1024x768 /1280x720 resolutions. 60Hz field sequential 3D for resolutions at 480i	
3D Viewing	Requires Optoma DLP® Link™ active shutter glasses – sold separately	
RoHS	Compliant	
Warranty	Warranty may vary by country Please see www.optoma.com or ask your local supplier for details	
Color Guarantee*	5 Years	
Imager Guarantee***	5 Years	

ES523ST Projection Distance (m) / Image Size (4:3 diagonal inch)

Projection Distance(m)	Image Size(inch)
0.5	27
1.0	54
2.0	109
3.0	164
5.0	273
5.5	300

EW533ST Projection Distance (m) / Image Size (16:10 diagonal inch)

Projection Distance(m)	Image Size(inch)
0.5	32
1.0	64
2.0	129
3.0	193
5.0	322
5.5	354

ES523ST
① VGA-In
② S-Video
③ Composite
④ Audio-Out
⑤ RS232
⑥ RCA Stereo Audio-In
⑦ Power
⑧ Kensington™ Lock
⑨ Security Bar

EW533ST
① HDMI
② VGA-In
③ S-Video
④ Composite
⑤ Audio Out
⑥ RS232
⑦ RCA Stereo Audio-In
⑧ Power
⑨ Kensington™ Lock
⑩ Security Bar

COLOUR AND IMAGER GUARANTEE
Bright colors and fantastic image quality are guaranteed for an amazing 5 years after purchase.

ENVIROMENTALLY FRIENDLY
The ES523ST/EW533ST incorporates energy saving features to conserve power and extend the lamp life:

- To achieve the maximum 5000hrs** lamp life time the projector should be operating in STD mode and the shut down timer should be enabled to automatically switch off the projector if it is accidentally left on when no longer required. Enabling the <1W Standby mode will ensure the minimum energy consumption when the projector is not being used.

- It takes less than 10 seconds for the projector to power up and shutdown, saving both time and energy.

3D TECHNOLOGY
Using the inherent speed of DLP technology, The Optoma 3D projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full color, stereoscopic 3D. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.

SHORT THROW LENS
The ES523ST/EW533ST can project an impressive 54/64-inch diagonal image from just 1m from the screen. Stand-alone or ceiling mounted the ES523ST/EW533ST eliminates shadows on the screen and allows you to present with ease.

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Where Projectors Roam Free

Optoma