



***The smartest choice of
short throw projector***
cost the least for the best efficiency



- Brightness 3,000 ANSI Lumens, high contrast 18,000:1
- 2nd generation of BrilliantColor™ imaging technology.
- Advanced energy saving features reduce the cost of operation
- Short Throw Ratio design, projects 100 inches image from just 1.27 meter away.
- Advanced Security bar and Kensington lock.

The Optoma CS305STH brings projection flexibility to your classroom, conference room or training room. Its razor sharp short throw projection lens delivers bright, crystal clear SVGA resolution images ranging in size from 59" to 300" diagonal. Whether your application calls for wall mounted installation or desktop projection, CS305STH will win your audience with its vibrant, color-rich 3,000 lumens bright image and 18,000:1 contrast ratio. With ample connectivity options including HDMI for digital sources, the CS305STH can satisfy your most demanding application needs. Featuring the latest Eco+ technology for ultra-long lamp life and legendary commitment to quality, Optoma ensures your projector with longer lifetime operation.

Short-Throw Lens

With short-throw lens, the projector can easily produce large screen sizes from a short distance. Either Stand alone or wall mounted, the CS305STH eliminates shadows on the screen and allows you to present with ease.

2nd generation of BrilliantColor™ imaging technology

The technology allows the usage of a more advanced image processing algorithm and enables the usage of more colors on the color wheel, than the standard Red, Green, Blue and White segments.

New BrilliantColor™-II technology enables higher brightness levels by boosting mid-tone colors, resulting in more vibrant, precisely accurate colors projected on the screen.

RS232 Control

The extensive RS232 command set makes it simple and easy to control the CS305STH with any RS232 control system.

I/O Connections

- | | | |
|----------------------|---------------------|-------------------|
| 01. USB Service Port | 05. RS232 | 09. VGA2-IN/YPbPr |
| 02. HDMI | 06. Audio In | 10. Power Socket |
| 03. VGA Out | 07. Audio Out | |
| 04. VGA1-IN/YPbPr | 08. Kensington lock | |

Clear, Focused Images

Lessons in the classroom and presentations in the boardroom demand sharp, flawless images. The CS305STH has the stunning 18,000:1 contrast ratio for pin sharp graphics and crystal-clear text.

To retain image clarity, Optoma projectors are designed with DLP™ technology preventing degradation over time to give consistent pixel performance.

Environmentally Friendly

The CS305STH incorporates energy saving features to conserve power and extend the lamp life up to 6,000 hours. This includes Eco mode, for reduced power consumption during operation, a sleep timer which when activated will automatically switch off the projector if it is accidentally left on when no longer required and a <0.5W standby mode which will ensure the minimum energy consumption when the projector is not being used.



Specification

| | |
|------------------------------------|--|
| Model name | CS305STH |
| Display Technology | Texas Instruments DLP™ technology / 0.55" SVGA DMD Chip |
| Native Resolution | Native : 800 × 600 (SVGA) |
| Brightness / Contrast Ratio | 3,000 ANSI Lumens / 18,000 :1 |
| Display Colors | 1073.4 million colors (10bit) |
| Projection Lens | F=2.8 ; f = 7.26mm @ 77 inch (Effective) |
| Image Size | 59 ~ 300 inch |
| Projection Distance | 0.75m to 3.82m |
| Throw Ratio | 0.626 :1(Projection distance/width) |
| Digital Keystone Correction | +/- 40 For OSD adjust; +/- 12 degree is for system angle of v-keystone |
| Aspect Ratio | 4:3 Native, 16:9 Compatible |
| Scan Rate | Horizontal : 15.3 ~ 91.1KHz ; Vertical : 24 ~ 85 Hz |
| Computer Compatibility | UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards PC & Macintosh compatible |
| Input / Output Connections | VGA in × 2 , Audio Input × 1 , HDMI Input × 1 , Audio output × 1, VGA Out × 1, RS-232 control interface × 1, USB (Mouse control) × 1 |
| Uniformity | 85 % |
| Speaker | 2W Speaker |
| Noise | 29 dB (STD mode) |
| Lamp Type | 190 watt user-replaceable lamp |
| Lamp Life | Maximum 6,000 Hrs |
| Power Supply | Universal AC 100 ~ 240V± 10%,50/60Hz |
| Dimensions(W×D×H)/ Weight | 288×245×99 mm / 2.8Kg |

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*Optoma guarantees that in normal use, Optoma DLP™ color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: *(1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive 3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. DLP™, and the DLP logo are registered trademarks of Texas Instruments. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. All images have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2017, Optoma Corporation.

