

The smartest choice of short throw projector

cost the least for the best efficiency



- **18,000:1 High contrast ratio**
- **3000(CS.CX305ST) / 3200(CW305ST) ANSI lumens**
- **Project 80"(CS.CX305ST) / 89"(CW305ST) image from 1 meter away**

CS/CX/CW305ST, the latest short throw series of Optoma, create stunning presentations in limited spaces, and meet the demanding requirements of smaller environments. High quality detailed shadow-free presentation with 3000/3200 ANSI lumens of brightness and 18,000:1 contrast ratio, is designed to display bright, rich, colorful, crystal-clear images for both the education and business environments.

CS/CX/CW305ST

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 CS/CX/CW305ST eliminates shadows on the screen and allows you to present with ease.

RS232 Control

The extensive RS232 command set makes it simple and easy to control the CS/CX/CW305ST with any RS232 control system.

BrilliantColor™-II

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.

I/O Connections

01. USB(mouse control)
02. VGA-OUT
03. VGA1-IN
04. RS-232
05. AUDIO-IN
06. AUDIO-OUT
07. Kensington Lock
08. VGA2-IN



Clear, Focused Images

Lessons in the classroom and presentations in the boardroom demand sharp, flawless images. CS/CX/CW305ST 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

CS/CX/CW305ST incorporates energy saving features to conserve power and extend the lamp life up to 6000 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	CS305ST	CX305ST	CW305ST
Display Technology	TI DLP® technology / 0.55" SVGA	TI DLP® technology / 0.55" XGA	TI DLP® technology / 0.65" WXGA up to UXGA (1600 x 1200) 60Hz
Native Resolution	800 x 600 (SVGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness / Contrast Ratio	3,000 ANSI Lumens / 18,000 :1	3,000 ANSI Lumens / 18,000 :1	3,200 ANSI Lumens / 18,000 :1
Display Colors	1073.4 million colors (10bit)	1073.4 million colors (10bit)	1073.4 million colors (10bit)
Projection Lens	F = 2.8; f = 7.15mm @ 80 inch	F = 2.8; f = 7.15mm @ 80 inch	F = 2.8; f = 7.51mm @ 87 inch
Image Size	59 ~ 300 inch	59 ~ 300 inch	69 ~ 300 inch
Projection Distance	0.5 ~ 2.5 m	0.5 ~ 2.5 m	0.5 ~ 2.5 m
Throw Ratio	0.617 :1	0.617 :1	0.521 :1
Digital Keystone Correction	±40° for OSD adjust; ±12° for system		
Aspect Ratio	4:3 Native, 16:9 Compatible		16:10 Native; 4:3, 16:9 Compatible
Scan Rate	Horizontal : 15.3 ~ 91.1KHz, Vertical :24 ~ 85 Hz Computer		
Computer Compatibility	UXGA, SXGA+, SXGA, XGA, SVGA, VGA Compression, VESA standards, PC & Macintosh compatible		
Input / Output Connections	VGA In x 2, Audio Input x 1, Audio Output x 1, VGA Out x 1, RS-232 x 1, USB (mouse control) x 1		
Uniformity	85%		
Speaker	2W Speaker		
Noise	29 dB (STD mode)		
Lamp Type	190 watt user-replaceable lamp		
Lamp Life	Maximum 6000 Hrs		
Power Supply	Universal AC 100~240V ±10%, 50/60 Hz		
Dimensions(WxDxH) / Weight	288 x 220 x 86 mm / 2.55 kg		

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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 © 2014, Optoma Corporation.

