







4K UHD Short Throw Professional Installation Projector

4K550ST

Optoma

Bright 4K UHD projection with installation and network control flexibility



-  Incredible 4K UHD (3840 × 2160) resolution with HDR10 and REC.2020 compatibility
-  4,500 lumens and 10,000:1 contrast ratio
-  Project a bright 100-inch image from several feet away
-  Short throw lens with 0.78:1 throw ratio
-  3D ready with DLP Link compatibility
-  Extensive I/O with HDMI, 12v trigger, RS-232C and LAN control

PRO|SCENE

TRUE **4K** 4K ULTRA HD™



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

MHL

**WIDESCREEN
16:9
ENHANCED**



CRESTRON



Having a good brand strategy when you do have a brand advantage in gaining a large increase in your market competition. Your brand tells your customers what they can have or expect from the products and services you offer.



RESEARCH

A market study is a systematic study to obtain insights, identify trends and characteristics.



ANALYSIS

A process to identify and evaluate the strengths and weaknesses of a brand.



PLANNING

A series of steps to develop a brand strategy and plan.



Project stunning 4K UHD images with the 4,500 lumen, short throw Optoma ProScene 4K550ST. Its 0.78:1 throw ratio, 10,000:1 contrast ratio and HDR compatibility provide razor-sharp, 100-inch projections from several feet away, making it ideal for space constrained environments or edge blending installations, such as corporate meeting spaces and houses of worship.

A Texas Instruments DLP chipset with XPR technology renders beautiful 4K UHD images. The high-performance DLP chipset displays 8.3-million distinct simultaneous pixels on screen and easily projects images up to 300-inches with incredible detail.

Vertical lens shift and 12V trigger provide installation flexibility. RS-232C and LAN connectivity enable simple integration and control via industry standards, including Crestron, IP Link, AMX and PJ-Link.

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4K UHD SHORT THROW PROFESSIONAL INSTALLATION PROJECTOR - 4K550ST

OPTICAL/TECHNICAL SPECIFICATIONS

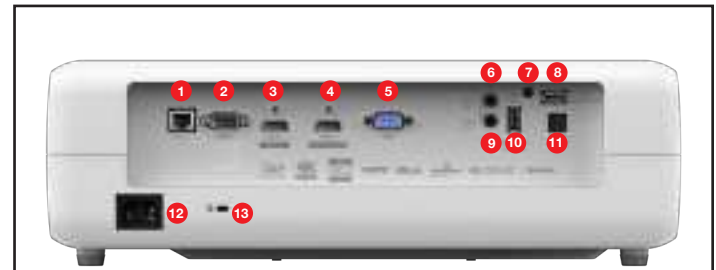
Display Technology	Texas Instruments 0.66" 4K UHD DMD
Color Wheel	6 Segment RYGCWB
Native Resolution	4K UHD (3840 x 2160) @ 60Hz w/ XPR technology
Maximum Resolution	4K (4096 x 2160)
Brightness	4,500 ANSI lumens
Contrast Ratio	10,000:1
Displayable Colors	1.07 billion
Light Source Life up to	5,000/4,000/3,000 (Dynamic/ECO/Bright)
Lamp Type*	Lamp
Projection Method	Front, rear, ceiling mount, table top
Vertical Lens Shift	Vertical lens shift 10%
Uniformity	75%
Offset	100%
Aspect Ratio	16:9 (native), 4:3, LBX and auto compatible
Throw Ratio	0.78:1
Projection Distance	1.6'-17.06'
Image Size	28.89"-300.46"
Projection Lens	F/2.5, f=11.66mm
Optical Zoom	Fixed
Digital Zoom	0.8~2.0x
Audio	2 x 5W
Noise Level	32dB (Eco)
Remote Control	Full size remote with laser
Operating Temperature	41~104°F (5~40°C), 85% max humidity
Power Supply	AC input 100~240V, 50~60Hz, auto-switching
Power Consumption	419W typical (Bright), 461W max (Bright), 331W typical (Eco), 364W max (Eco)
High Altitude	Operating temperature at sea level up to 10,000 feet = 104°F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality

COMPATIBILITY SPECIFICATIONS

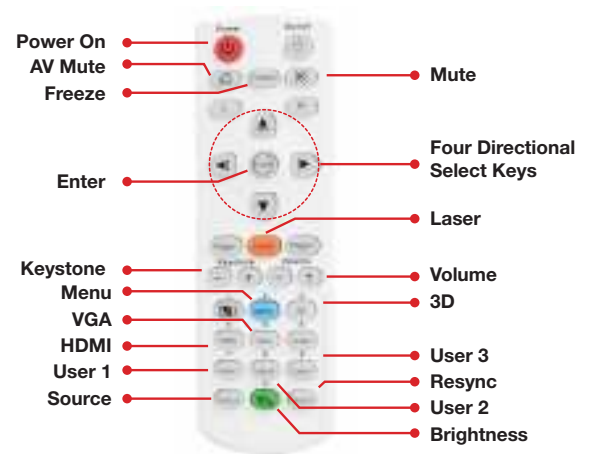
Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, UHD
Video Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K (3840x2160)
3D Compatibility†	Supports 120Hz frame sequential (1920 x 1080 @ 120 Hz)
Vertical Scan Rate	Vertical: 24Hz to 120Hz
Horizontal Scan Rate	Horizontal: 31 to 135 KHz
User Controls	RS-232, RJ45
I/O Connection Ports	1x HDMI (2.0 w/ HDCP 2.2, MHL 2.1), 1x HDMI (1.4a), 1x VGA, 1x audio (3.5mm), 1 x USB (power / 1.5A), 1x USB (service), 1x audio out (3.5mm), 1x S/PDIF (optical)
Loop Through (Audio)	Yes (stereo)
Control	RS-232, RJ45, 12V trigger

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port
Weight	13.01 lbs
Dimensions (W x H x D)	15.43" x 5.07" x 11.08"



- | | | |
|----------|------------------|----------------------|
| 1. RJ-45 | 6. Audio In | 11. S/PDIF |
| 2. RS232 | 7. 12V Out | 12. AC In |
| 3. HDMI1 | 8. USB (service) | 13. Kensington™ Lock |
| 4. HDMI2 | 9. Audio Out | |
| 5. VGA | 10. USB (power) | |



Warranty

3-year Optoma Express advance exchange warranty, 1-year on lamp

What's in the Box

AC power cable, remote control, batteries, quick start guide

Optional Accessories

Remote, lamp, mount, 3D glasses

Accessory Part Numbers

Mount: OCM815W, OCM818W-RU
 DLP® Link™ 3D glasses: ZD302
 Remote: BR-5080C
 Lamp: BL-FU330C

UPC 796435 44 231 6

