

DIGITAL
CINEMA

AVAILABLE AT
DIGITAL CINEMA

Optoma
See more. Hear more.

UHL55

4K LED Smart Home Cinema Projector



Turn the Projector ON



True 4K
Resolution



HDR10



Auto focus



Android
system



Bluetooth &
Wi-Fi built-in



Built-in
Media Player



Blue-ray
3D



Dolby 5.1
surround sound



Smart Voice
Control

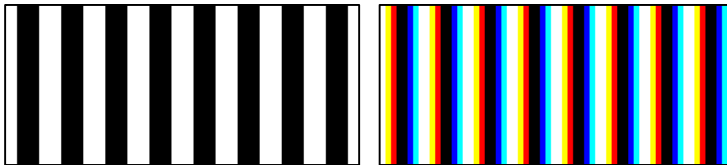
True 4K UHD resolution

With over eight million pixels, Ultra HD 4K resolution brings four times more detail than Full HD, to deliver sharper, life-like images and richer colors. Allowing you to sit closer to the screen and enjoy a more immersive experience. The UHL55 passed the qualification from the Consumer Technology Association (CTA) definition of 4K Ultra HD resolution.



Perfect pixel alignment

DLP 1-chip system is perfectly aligned compared to other non-DLP 4K projectors.



DLP 4K UHD

No DLP 4K UHD

LED light source, 118% of Rec. 709 color

UHL55 has a very wide color gamut, 118% of Rec. 709 color gamut. Thanks to the wide color gamut, the individual R, G and B colors are bright and vibrant.



Stunning HDR

High Dynamic Range is one of the most important features that greatly improves the viewing experience for 4K UHD displays.



The UHL55 manages HDR metadata incredibly well, retaining details in both extremes of light and dark on the same image, so as to bring you exactly what your eyes perceive in real life scenarios. A natural balance between the brightest and the darkest areas ensures no details are lost, making the projected HDR images second to none.



HDR

SDR

* UHL55 is HDR10 compatible.

PureMotion

PureMotion is a sophisticated frame interpolation processing technology that compensates for videos filmed in 24fps to remove motion blur. The processing generates transitional frames in between existing ones to reduce motion judder giving you a smooth viewing experience during action packed fast-moving scenes.



On

Off

True 3D Content

UHL55 supports Blue-ray 3D (Full 3D), experience Full HD 3D projection with the UHL55 straight from your Blu-ray source.



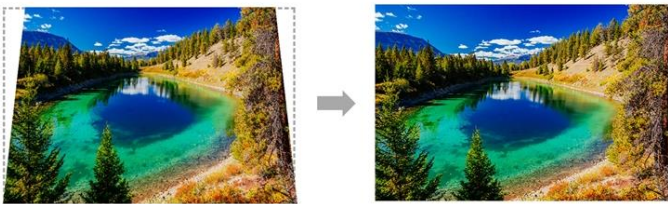
Auto Focus

When turning on the power, the focus sensor measures the distance between the projector and the screen and adjusts the focus of the projected images automatically.



Auto Keystone

Digital keystone correction helps ensure the projected image will always fit the area you are projecting onto.



Media Player

Share your favorite photos, music or even movies with USB flash drive plugged in. Simple as that.



Audio Performance Worthy as a Centerpiece

The UHL55 delivers 360 degree, omnidirectional sound, suitable for any home environment. UHL55 is capable of decoding Dolby 5.1 surround sound or the audio can be passed through S/PDIF port and connect to your own surround system.

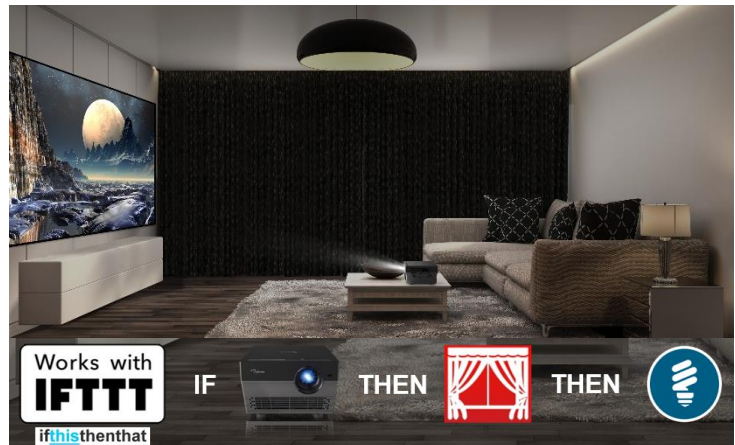
Smart Home

The Optoma UHL55 integrates with Amazon Alexa and Google Assistant voice control, to enable projection to fluidly align with speakers, screen, lighting and more in any smart home setting.



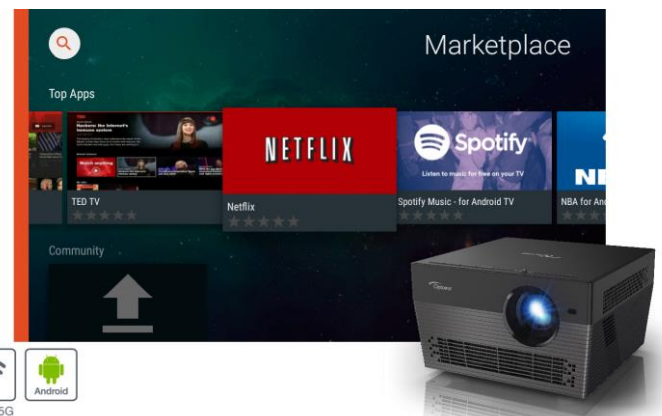
IFTTT

Simply use the IFTTT app to easily set up various smart appliances in the environment, including Optoma UHL55.



A world of entertainment

Access all your favorite media services and stream movies, TV shows and clips. With built in Android™ 4.4 you can download popular apps such as Netflix and YouTube. (Google Play Services not supported)

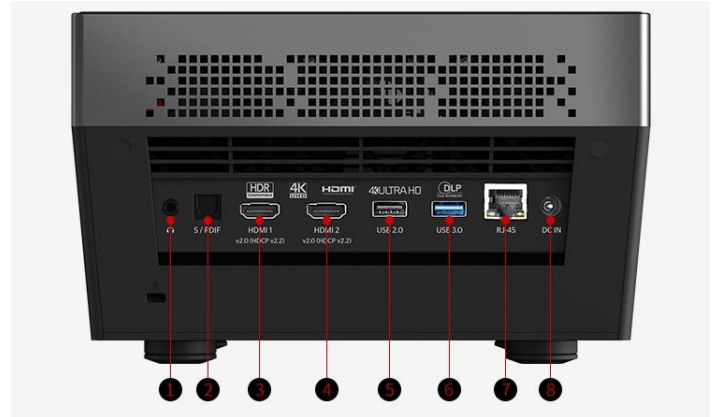


Independent Wireless Audio

UHL55 can be used as Bluetooth speaker when not used as a projector.



Input / Output



1. Headphone connector
2. S/PDIF
3. HDMI-1 (HDCP v 2.2)
4. HDMI-2 (HDCP v 2.2)
5. USB 2.0
6. USB 3.0
7. RJ-45
8. DC IN

Specification

Display Technology	DLP 4K UHD chip
Native Resolution	4K UHD 3840x2160
Brightness	2,000 LED Lumens; 1500 ANSI Lumens
Contrast	250,000:1
Light Source / Light Source Life	LED / 30,000 hours (Eco mode)
Throw Ratio	1.2:1
I/O Connectors	HDMIx2(HDCP2.2), RJ-45, Headphone connector, S/PDIF, USB 2.0, USB 3.0, DC in
Speaker (Watts)	8W x2
Weight (Kg)	4.2
Dimensions (W x D x H) (mm)	220 x 220 x 125
Projected image size	30" – 200"
Projection Distance	1.33 ~ 3.2 m
Noise Level	28dB (Eco mode)
3D Support	Blu-ray 3D (Full 3D)
Operation system	Android
WiFi	2.4G/5G Hz, IEEE 802.11b/g/n/a/ac
Bluetooth	2.4G Hz, IEEE 802.11b/g