Portable 4K UHD Smart Projector
UHL55

Optoma

Compact voice assistant-compatible projection

Incredible 4K UHD resolution with 1,500 lumens and four HDR10 picture modes

Android OS with 4K UHD HDR media player, smart TV apps and Optoma Marketplace

Works with Amazon Alexa and Google Assistant

RGBB LED light source with up to 30,000 hour life

Stereo audio with Dolby Digital decoding and Bluetooth audio input and output

Protective sliding lens cover and power switch

Auto focus and auto keystone for easy place and play

TRUE **4K** | 4K ULTRA HD™ | 2160P | **HDR** COMPATIBLE | HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE | ᐧMHL® | WIDESCREEN 16:9 ENHANCED | SmartHome

Instantly project incredible 4K UHD images with the compact, 1,500 lumen Optoma UHL55 smart projector. Its protective sliding lens cover and power switch, auto focus, auto keystone, HDR10 support and 250,000:1 contrast ratio ensure easy place and play with gorgeous colors and deep black levels.

Amazon Alexa and Google Assistant compatibility enable intuitive voice control for easy smart home integration. Use voice commands to power the projector on and off, change volume, change input source and control the USB media player.

An Android OS with smart TV apps and Optoma Marketplace deliver USB media playback compatibility, Internet streaming services and downloadable apps. Stereo audio with two 8-watt speakers provide crisp audio for movies and music.

Build a **smarter** home.

See it all.
Control it all.
Play it all.

AMAZON ALEXA FEATURES

Smart Home Skill	**Commands:** power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over)
Custom Skill	**Commands:** change display mode, HDR picture mode, PureMotion setting
Alexa AV Gear Region Support	United States - English, Canada² - Canadian English

GOOGLE ASSISTANT FEATURES

Actions	**Commands:** power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over), change display mode, HDR picture mode, PureMotion setting
Region Support	All regions - English only

ANDROID OS FEATURES

USB Media Player Compatibility	**Videos:** 480p, 720p, 1080p, 1440p, 4K UHD, 4K UHD HDR **File formats:** MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS **Audio:** MP3, AAC, WAV, FLAC 16/24-bit **Images:** JPEG, BMP, GIF
Smart TV Apps	Firefox, Ted TV, Netflix, Smart YouTube TV (4K), Spotify Music for Android TV, BBC News, CBC News, NBA for Android TV and Netflix (1080p) Optoma Marketplace app store
PC-free Image Viewer and Document Viewer	Supports viewing of office documents (Word, Excel & PowerPoint), PDFs and images via USB storage devices Autoplay PDF / PowerPoint: 3, 5, 10, 15 & 20 second intervals
Companion App	iOS (App Store) & Android (Play Store & Amazon Appstore)

Download on the App Store

GET IT ON Google Play

Available at amazon Appstore amazon

²French language support arriving late 2018.

PORTABLE 4K UHD SMART PROJECTOR - UHL55

OPTICAL/TECHNICAL SPECIFICATIONS

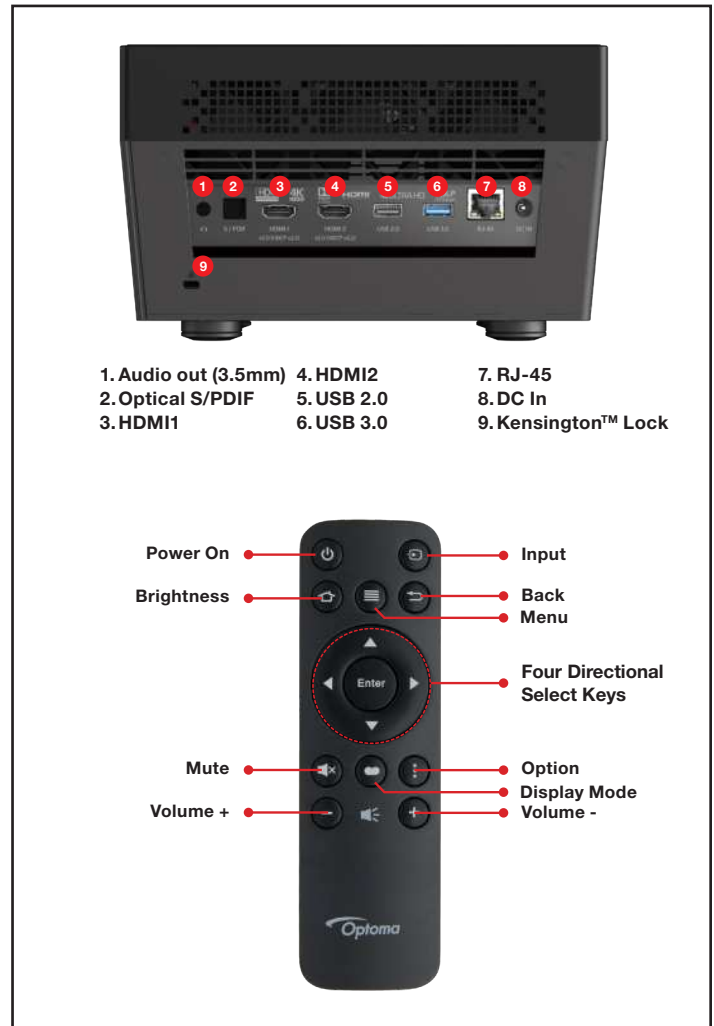|	
Display Technology	Texas Instruments 0.47" 4K UHD DMD
Native Resolution	4K UHD (3840 x 2160)
Maximum Resolution	4K UHD (3840 x 2160)
Brightness	1,500 ANSI lumens
Contrast Ratio	250,000:1
Color Gamut Support	REC.709 color gamut provides rich accurate color based on the HDTV broadcast specification. DCI-P3 wide color gamut is the equivalent to color in the CIE 1931 color space, resulting in vivid colors.
HDR (High Dynamic Range)	HDR10 compatible (REC.2020) Picture Modes: Normal, Bright, Detail, Film HDR SIM (simulate HDR effect with non-HDR content)
4K UHD Upscale	Upscales WXGA, 720p, 1080p, WUXGA, 1440p resolutions and frame rates up to 4K UHD (3840 x 2160), 60 Hz
Video Processing	PureMotion
Displayable Colors	1.07 billion
Keystone Correction	Auto, ±40°
Light Source Life*	30,000/20,000 (ECO/Bright) hours
Light Source Type*	RGBB LED
Projection Method	Front, rear, ceiling mount, table top
Geometry	Auto focus, range: 31" - 78" ±10
Uniformity	80%
Offset	100%
Aspect Ratio	16:9 (native), 16:10 and 4:3 compatible
Throw Ratio	1.2
Projection Distance	2.6' - 17.4'
Image Size	30" ~ 200" Optimal image quality range: 50" ~ 120" (80" ideal)
Projection Lens	C105
Digital Zoom	Yes
Audio	2 x 8W (stereo), Dolby Digital decoding Bluetooth audio input & output
Noise Level	28db
Battery	No
Remote Control	Backlit Bluetooth remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	170W (Bright Mode)
High Altitude	Operating temp @ sea level to 10,000 feet = 23C (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UHD 2160p, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1366x768), WXGA, HDTV (720p), XGA, SVGA, VGA, PC and Mac compatible
Video Compatibility	UHD 2160p (24/50/60Hz), 1080p (24/50/60Hz), 1080i (50/60Hz), 720p (50/60Hz), 480i/p, 576i/p
3D Compatibility†	Side-by-side: 1080i50 / 60, 720p50 / 60 Blu-ray 3D / Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
Vertical Scan Rate	Vertical: 24Hz to 120Hz
Horizontal Scan Rate	Horizontal: 31 to 135 KHz
User Controls	Complete on-screen menu adjustment in 27 languages
I/O Connection Ports	2 x HDMI (2.0 with HDCP 2.2), 1 x USB 2.0 (HID, 1.0A), 1 x USB 3.0 (HID, 1.5A), RJ-45, audio out (3.5mm), optical out, Bluetooth 4.0 (HID and audio input/output), Wi-Fi 802.11ac (WEP/TKIP, AES, WPA, WPA2) HID: mouse, keyboard and game controller support
Loop Through (Audio)	Yes
Control	Crestron Roomview

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	8.7lbs.
Dimensions (W x H x D)	8.6" x 5.3" x 8.6"

*Light source life is dependent upon many variables, including brightness mode used, display mode used, daily usage (such as 24/7 operation), environmental conditions (such as extreme heat or cold) and more. Light source brightness can and will decrease over time. Maximum light source life cannot be achieved using Bright mode – must use ECO mode.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit us at Optoma.com for more information.

1. Audio out (3.5mm)
2. Optical S/PDIF
3. HDMI1
4. HDMI2
5. USB 2.0
6. USB 3.0
7. RJ-45
8. DC In
9. Kensington™ Lock

Power On
Brightness
Input
Back
Menu
Four Directional Select Keys
Mute
Volume +
Option
Display Mode
Volume -

Warranty

2-year or 20,000 hour light source warranty (whichever comes first), 2-year limited parts and labor warranty on the projector

What's in the Box

UHL55 projector, power adapter with cable, HDMI cable, Bluetooth remote, quick start guide and warranty card

Optional Accessories

Mount, backpack carrying case, leather carrying handle and power supply

Accessory Part Numbers

Mount: OCM818B-RU
Backpack case: BK-4034
Carrying handle: BK-4035
Remote: BR-3071N
Power supply: BP-1003

UPC 796435 44 330 6