## UHD55 4K UHD gaming and home entertainment projector







- 4K UHD resolution with HDR and HLG High Brightness 3600 lumens with 3 x HDMI 2.0
- Wide color gamut with 97% coverage via DCI-P3 Active Shutter - PureMotion MEMC delivers judder free motion video
- 4K gaming with lightning-quick input lag at 16ms -3x3 Warping delivers geometric correction for image correction and alignment
- Alexa Smart Home and Google Action (Home) Digital Assistant Voice Control - Optoma Marketplace featuring Streaming Apps



Prepare to be amazed. Immerse yourself in a world of Ultra HD gaming, live sport, TV shows and movies with the UHD55 high brightness projector. Experience sharp 4K UHD resolution and ultra-low input lag for smooth high frame rate gaming. TV and movie fans can enjoy mesmerizing entertainment on an expansive screen with super-wide DCI-P3 cinematic color, crystal clear detail, and sparkling contrast.

## **Specifications**

Display/image	
Display/mage Display technology	
Resolution	UHD (3840x2160)
Brightness	3,600 lumens
Contrast ratio	1,200,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-40°
Keystone correction - vertical	+/-40°
Displayable colors (millions)	1073.4
Horizontal scan rate	31 ~ 135Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	75%
Screen size	34.1" ~ 302.4" diagonal
Lamp info	
Light source type	Lamp
Lamp watts	240 4000 (Brinkh) 15000 (Bringeric) 10000 (Eac)
Lamp life hours (up to)	4000 (Bright), 15000 (Dynamic), 10000 (Eco)
Optical Throw ratio	1.21:1 ~ 1.59:1
Projection distance	47.24" - 318.9"
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81 ~ 16.74
Lens shift	Vertical +10%
Native offset	105%
Connectivity	
Connections	Inputs 2 x HDMI 2.0, 1 x VGA (YPbPr/RGB), 1 x Audio
	3.5mm
	Outputs 1 x Audio 3.5mm, 1 x S/PDIF, 1 x USB-A power
	1.5A <b>Control</b> 1 x USB-A reader/wireless, 1 x RS232, 1 x 12V
	trigger, 1 x RJ45
Wireless - technology	IEEE 802.11 a/b/g/n
Wireless - security	WEP, TKIP, AES, WPA, WPA2
Wireless - antenna	Omnidirectional
Wireless - operating frequency	2.4GHz
General	
Noise level (typical)	26dB
Noise level (max)	28dB
PC compatibility	UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA,
0D some stikility	SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz)
3D compatibility	Frame-pack: 1080p24, 720p50 / 60
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	11 languages: English, French, German, Italian, Japanese,
	Portuguese, Russian, Chinese (simplified), Spanish, Chinese
	(traditional)
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Backlit home remote
	1
Watts per speaker	10W
Watts per speaker	AC power cord
Watts per speaker	
Watts per speaker	AC power cord Remote control with CR2025 battery
Watts per speaker In the box	AC power cord Remote control with CR2025 battery Quick start user manual
Watts per speaker In the box Input lag <b>Networking</b>	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter
Watts per speaker In the box Input lag <b>Networking</b> Wireless - technology	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n
Watts per speaker In the box Input lag <b>Networking</b> Wireless - technology Wireless - antenna	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional
Watts per speaker In the box Input lag <b>Networking</b> Wireless - technology Wireless - antenna Wireless - operating frequency	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n
Watts per speaker In the box Input lag <b>Networking</b> Wireless - technology Wireless - antenna Wireless - operating frequency <b>Power</b>	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz
Watts per speaker In the box Input lag Networking Wireless - technology Wireless - antenna Wireless - operating frequency Power Power supply	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz
Watts per speaker In the box Input lag Networking Wireless - technology Wireless - antenna Wireless - operating frequency Power Power Power supply Power consumption (standby)	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W
Watts per speaker In the box In the box Metworking Wireless - technology Wireless - antenna Wireless - operating frequency Power Power Power P Power consumption (standby) Power consumption (min)	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W 220W
Watts per speaker In the box Input lag <b>Networking</b> Wireless - technology Wireless - antenna Wireless - antenna Wireless - operating frequency <b>Power</b> Power upply Power consumption (standby) Power consumption (min) Power consumption (max)	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W
Watts per speaker In the box Input lag Networking Wireless - technology Wireless - antenna Wireless - antenna Wireless - operating frequency Power consumption (standby) Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W 220W 320W
Watts per speaker In the box In the box Networking Wireless - technology Wireless - antenna Wireless - operating frequency Power consumption (standby) Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H)	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W 220W 320W 12.4" x 10.63" x 4.65"
Speaker count Watts per speaker In the box Input lag Networking Wireless - technology Wireless - antenna Wireless - operating frequency Power Power ver Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) Gross weight Net weight	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W 220W 320W 12.4" x 10.63" x 4.65" 11.24 lbs
Watts per speaker In the box In the box Networking Wireless - technology Wireless - antenna Wireless - operating frequency Power consumption (standby) Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H)	AC power cord Remote control with CR2025 battery Quick start user manual WUSB wireless adapter 4.40ms IEEE 802.11 a/b/g/n Omnidirectional 2.4GHz 100 ~ 240V, 50 ~ 60Hz 0.5W 220W 320W 12.4" x 10.63" x 4.65"







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