UHD55

Smart 4K UHD home Cinema projector

- **4K UHD resolution with high Brightness 3600 lumens**

- **Wide color gamut with 95% coverage via DCI-P3 Active Shutter**

- **Superb gaming experience with extremely low 4ms Input Lag for 240Hz at 1080P**

- **PureMotion MEMC delivers judder free motion video**

Introducing Optoma UHD55 smart projector for home. To create a personal home theatre or to set up a home office/school environment, UHD55 is perfect any way. UHD55 delivers true 4K UHD resolution with the breathtaking images. With Wide Colour Gamut mode with 95% DCI-P3 coverage, UHD55 delivers authentic and lifelike colors, suitable for movies and games filled with brilliant colors or artsy hues that support HDR and HLG metadata.

Specifications

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	3,600 lumens
Contrast ratio	1,200,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	+/-40°
Keystone correction - vertical	+/-40°
Displayable colours (millions)	1073.4
Horizontal scan rate	31 ~ 135Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	80%
Screen size	0.87m ~ 7.68m (34.1" ~ 302.4") diagonal

Lamp info

Light source type	Lamp
Lamp life hours (up to)	4000 (Bright), 15000 (Dynamic), 10000 (Eco)

Optical

Throw ratio	1.21:1 ~ 1.59:1
Projection distance	1.2m - 8.1m
Zoom	1.3
Zoom type	Manual
Focal length	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
	Control 2 x USB-A reader/wireless, 1 x RS232, 1 x 12V trigger, 1 x RJ45
Wireless - technology	IEEE 802.11 b/g
Wireless - security	WEP, TKIP, AES, WPA, WPA2
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, SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz)
3D compatibility	HDMI1: Frame Packing(1280x720@50Hz/60Hz, 1920x1080@23.98/24Hz), Frame Sequential(800x600@120Hz, 1024x768@120Hz, 1280x800@120Hz, 1920x1080@120Hz) HDMI2: Frame Packing(1280x720@50Hz/60Hz, 1920x1080@23.98/24Hz), Frame Sequential(800x600@120Hz, 1024x768@120Hz, 1280x800@120Hz, 1920x1080@120Hz) , Top and Bottom(1280x720@50Hz/60Hz, 1920x1080@23.98/24Hz), Side by Side(1920x1080@50(25)Hz, 1920x1080@60(30)Hz)
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	10 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
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control Quick start user manual
Input lag	4.00ms

Networking

Wireless - technology	IEEE 802.11 b/g
Wireless - operating frequency	2.4GHz

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	210W
Power consumption (max)	330W

Weight and dimensions

Dimensions (W x D x H)	315 x 270 x 118
Gross weight	5.1 kg
Net weight	3.9 kg