

# UHZ50+

Smart 4K UHD laser home Cinema projector



- **True 4K UHD resolution and laser technology - HDR and HLG compatible**
- **Bright 3,000 lumens and stable output, achieves 2,700,000 : 1 Contrast.**
- **Superb Gaming Experience with 240Hz refresh rate and extremely low 4ms Input Lag for PC gaming**
- **PureMotion MEMC delivers judder free motion video**

Entering the new generation of home entertainment with UHZ50+. With DuraCore Laser technology, UHZ50+ is able to deliver longer-lasting and excellent performance at true 4K UHD resolution with high brightness at 3,000 lumens and 2,700,000:1 contrast. UHZ50+ also comes with the upgraded Smart Home features including Optoma Marketplace, File Manager, Creative Cast, and connectivity with voice assistants, offering the comprehensive home entertainment experience.

With the ability to implement 4-corner adjustment, 2D keystone correction, vertical lens shift, powered 1.3x zoom, and warping at 3\*3 matrix, UHZ50+ is also perfectly easy to install in any room at home, or to create a simulation scenario.

## Specifications

<b>Display/image</b>	
Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	3,000 lumens
Contrast ratio	2,700,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction - horizontal	+/-30°
Keystone correction - vertical	+/-30°
Has vertical auto keystone correction	Yes
Displayable colours (millions)	1073.4
Horizontal scan rate	31~135Khz
Vertical scan rate	24 ~ 120HzHz
Uniformity	80%
Screen size	0.87m ~ 7.68m (34.1" ~ 302.4") diagonal
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	1.21:1 ~ 1.59:1
Projection distance	1.2m - 8.1m
Zoom	1.3
Zoom type	Manual
Focal length	12.81mm~16.74mm
Lens shift	Vertical +10%
Native offset	105%
Lens shift	Yes - <a href="#">{{downloads_link}}</a>
<b>Connectivity</b>	
Connections	<b>Inputs</b> 2 x HDMI 2.0, 3 x USB-A, 1 x HDMI 2.0 (eARC), 1 x 12V trigger <b>Outputs</b> 1 x Audio 3.5mm, 1 x S/PDIF <b>Control</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x 3D sync
Wireless - technology	IEEE 802.11 a/b/g/n/ac
Wireless - operating frequency	2.4GHz/5GHz
<b>General</b>	
Noise level (typical)	26dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D compatibility	HDMI1/ HDMI2: Frame Packing(1280x720@50Hz/60Hz, 1920x1080@23.98/24Hz), Frame Sequential(800x600@120Hz, 1024x768@120Hz, 1280x800@120Hz, 1920x1080@120Hz). HDMI3: 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@50/25Hz, 1920x1080@60/30Hz).
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	10 languages: Dutch, English, French, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)
24/7 operation	Yes
Operating conditions	0°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Backlit home remote
Heat dissipation	785BTU/hour
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control Quick start user manual
Input lag	4.00ms
<b>Networking</b>	
Wireless - technology	IEEE 802.11 a/b/g/n/ac
Wireless - operating frequency	2.4GHz/5GHz
<b>Power</b>	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	204W
Power consumption (max)	276W
<b>Weight and dimensions</b>	
Dimensions (W x D x H)	337 x 265 x 119.3
Gross weight	6.5 kg
Net weight	4.8 kg

