



The Optoma HD65 is a sleek, compact and highly portable home theater projector that makes it a perfect fit anywhere. Featuring a high 1600 lumens brightness, even under normal lighting conditions, the HD65 gives professional, high-quality sports viewing, movies, TV shows and even playing video games with its astonishingly crystal clear images. The HD65 is the most affordable 720p home theater projector that produces High Definition images of breathtaking clarity with vibrant, perfectly balanced natural color and outstanding details.



## FEATURES

**Most affordable 720p** home theater projector in the market

**Unmatched 4000:1 contrast ratio** for film-like cinema effect and greater depth of field

**1600-lumens bright** for clear images even in well-lit rooms

**HD compatible** for High Definition TV shows, movie or gaming

**TrueVivid™ and TrueVision™ technology** bring truer and more vibrant image viewing experience

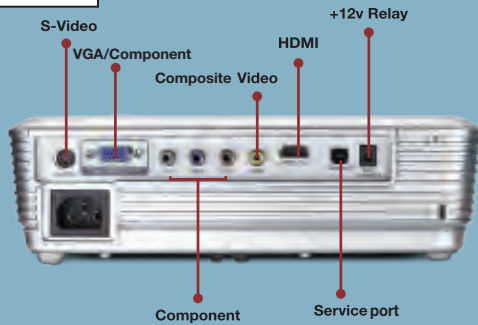
**HDMI connector** for ultimate image quality

**Sleek and elegant design** fits well into any interior decor

**2kg light weight and smaller than A4 footprint** make HD65 a portable device



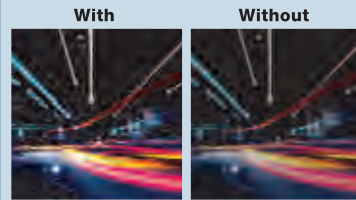
**I/O Ports**



**Dimensions**



**Image and color enhancement technologies**



**TrueVivid™ Image Processing**

With TrueVivid™ Image Processing, the picture quality is enhanced for veritable video fidelity, including better depth and deeper 3D look to any image.



**TrueVision™ Technology**

TrueVision™ technology improves cross-coloring and eliminates jagged edges, allowing the projector to deliver cinema-like images with exceptional picture quality.

**Now with Image AI™**



**Image Artificial Intelligence**  
auto adjusting light intensity output

**HIGH LUMENS ALONE**



**ONLY Image AI™ GIVES YOU BOTH!**

**HIGH 1600 LUMENS**  
for amazing clarity in light image areas...

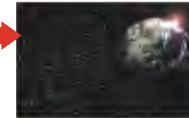


**PLUS**

**HIGH CONTRAST ALONE**



**HIGH 4000:1 CONTRAST**  
for details in dark areas and shadows



**Image AI™** "Image Artificial Intelligence", Optoma's auto adjusting light intensity output, delivers an amazing **1600 lumens AND 4000:1 contrast ratio!**

**PROJECTION DISTANCE / IMAGE SIZE**

| Screen Size 16:9 (inch) | Max. Projection Distance (meter) | Min. Projection Distance (meter) |
|-------------------------|----------------------------------|----------------------------------|
| 80                      | 3.01                             | 2.75                             |
| 90                      | 3.40                             | 3.10                             |
| 100                     | 3.80                             | 3.40                             |
| 120                     | 4.50                             | 4.10                             |

**PROJECTION DISTANCE / IMAGE SIZE (16:9)**

| Projection Distance (meter) | Max. Diagonal (inch) | Min. Diagonal (inch) |
|-----------------------------|----------------------|----------------------|
| 2.5                         | 72.9                 | 66.4                 |
| 3.0                         | 87.4                 | 79.7                 |
| 4.0                         | 116.6                | 106.3                |
| 5.0                         | 145.7                | 132.9                |

**Specifications HD65**

|                                |   |
|--------------------------------|---|
| <b>Display Technology</b>      | 0.62 inch / DLP® 720P DarkChip2™ DMD by Texas Instruments   |
| <b>Native Resolution</b>       | 1280x720, support up to 1080p   |
| <b>Brightness (Brite mode)</b> | 1600 Lumens   |
| <b>Contrast Ratio</b>          | 4000 :1 (with Image AI™)  |
| <b>Throw Ratio</b>             | 1.55 ~ 1.7 :1 (distance/width)  |
| <b>Projection Lens</b>         | F# 2.41 ~ 2.55, f = 21.79 ~ 23.99mm, 1.1x manual zoom / focus lens  |
| <b>Image Size</b>              | 31.9 ~ 349.7 inches   |
| <b>Projection Distance</b>     | 1.2 ~ 12m   |
| <b>Keystone Correction</b>     | Vertical ±30°   |
| <b>Aspect Ratio</b>            | Native 16:9, 4:3 Compatible   |
| <b>Video Compatibility</b>     | HDTV(720p, 1080i/p), SDTV(480i/p, 576i/p), Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM, HDMI(480i/p, 576i/p, 720p, 1080i/p, included 1080p24), Computer capability up to UXGA                             |
| <b>I / O Connectors</b>        | HDMI x1(+), VGA(Analog RGB, HDTV, component via adaptor) x1<br>Component: YCbCr/YPbPr(RCA) x1, S-Video x1, Composite Video x1, +12V Relay output x1, USB (service port) x1, IR receivers x2 (front and top) |
| <b>Uniformity</b>              | 90 %  |
| <b>Noise</b>                   | 29 dB (STD mode)  |
| <b>Lamp Type</b>               | 180 watt user-replaceable lamp  |
| <b>Lamp Life</b>               | 3000 hours (STD mode)<br>2000 hours (Bright mode)   |
| <b>Power Supply</b>            | Universal AC 100 ~ 240 volts, 50/ 60Hz  |
| <b>Dimensions (W x D x H)</b>  | 259 x 188 x 73 mm   |
| <b>Weight</b>                  | 2.0 kg (4.5 lbs)  |

(+)Support HDMI 1.3

AVAILABLE AT