

The Arrival of BIG LASER 4K

The closest cinematic experience you can find



UHZ65

4K UHD Laser Home
Cinema Projector

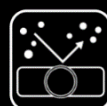
- Laser Light Source, adopted for long life up to 20,000 hours.
- Bright 3,000 ANSI lm and stable output.
- Unique Dynamic Black technology, achieves 2,000,000 : 1 Contrast.
- Dust Resistant Design - IP5X proof level for total reliability.
- Super Wide Gamut II color enhancement technology and Pure Engine Technology for vivid colors.
- Superior coverage of 100% Rec.709 gamut, 84% of DCI-P3 coverage and BT.2020 compatible.
- DLP XPR Technology - Full 8M pixel display, perfect pixel alignment and great ANSI contrast.
- HDR10 Support - display a wider and richer range of colors, brighter whites, and much deeper, darker blacks.
- Advanced Easy installation with 1.6x zoom & vertical lens shift.



4K ULTRA HD™



Advantage Of 4K UHD Laser Projection



Dust Resistant Design

- IP5X proof level for total reliability.



Next-gen Laser Light Source

- Instant on/off, brighter for longer.
- Longer operation life time up to 20,000 hours.



DLP XPR Technology

- Full 8M pixel display.
- Perfect pixel alignment.
- Great ANSI contrast.

Brighter Performance

- Advanced laser diode cooling techniques, ensures a long lasting, reliable and brighter performance
- The brightness achieves 3,000 lumens.



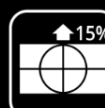
High Contrast

- Unique Dynamic Black technology, achieves 2,000,000 : 1 Contrast.
- 3 steps Dynamic Black setting, and 11 steps of laser dimming adjustment.



Ultimate Design Precision Optics

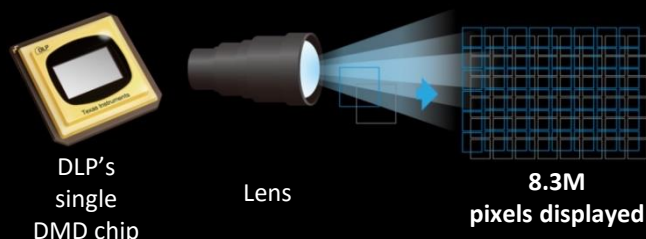
- 1.6x zoom
- +15% Vertical Lens Shift



4K UHD Display - Accurate, Razor Sharp, High Quality Images

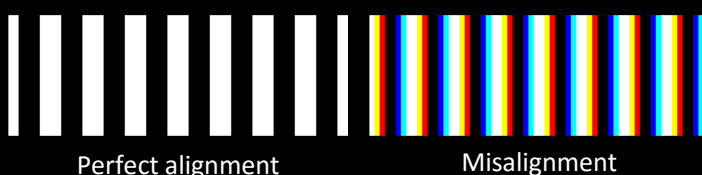
Full 8.3M pixels display

Texas Instruments DLP 4K UHD chip and XPR technology deliver full 8.3M pixel images on the screen. Capitalizing on the fast switching speed and advanced image processing, the UHZ65 deliver over 8.3 million pixels to the screen.



Perfect Pixel Alignment

DLP 1-chip system is perfectly aligned compared to other non-DLP 4K projectors.



Great ANSI contrast

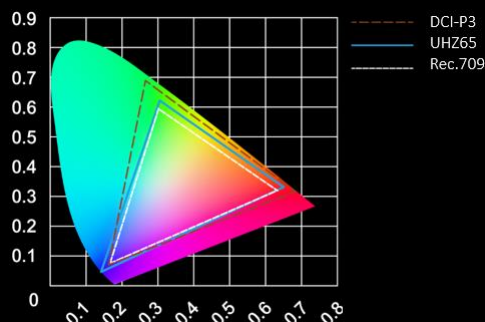
To see the entire fine details of 4K UHD content.

Amazing color performance



Super Wide Gamut II

- The 2nd generation of color enhancement technology from Optoma.
- Unique Phosphor wheel and color wheel design.
- Superior coverage of 100% Rec.709 gamut, and 84% of DCI-P3 coverage, and with BT.2020 compatible.



Pure Engine and Enhancement Technologies

PureContrast

PureContrast optimizes the brightness of display during dark / light movie scenes to be shown in incredible details.



PureColor

Pure Color significantly increases the image vividness.



PureMotion

PureMotion leverages sophisticated frame-interpolation technology and advanced motion control processing to eliminates motion blurring or image judder, even in high-speed action sequences.



Ultra Detail

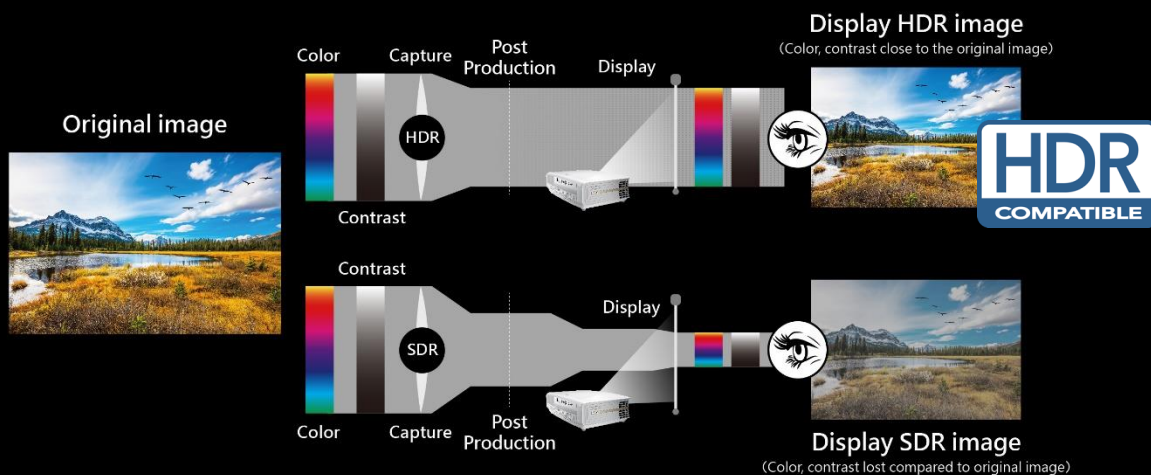
Ultra Detail uses unique Image processing engine to deliver extremely high image quality without the artifacts associated by moving pixels.



Advanced Projection Features

HDR compatible

HDR enhances better contrast and wider color range to maintain as close to the original image quality. HDR also optimizes viewing experience by presenting more image details.



isf expert calibrate mode

Built-in Isf expert calibrate mode allows UHD65/UHD60 fine-tune the most suitable viewing mode for your home cinema environment.



Integrated Stereo Speakers

Equipped with 4Wx2, high quality speaker with individual enclosure design, delivers remarkable clarity unheard surround sounds on projectors before.

Flexible Installation

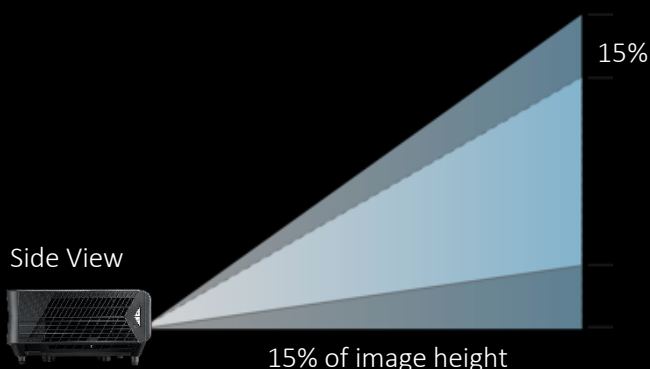
Ultimate Design – Precision Optics

- 1.6x zoom is easy for installation.
- 1.39~2.22 throw ratio is suitable for most living room or theater room settings.



Vertical Lens Shift

Supports +15% vertical lens shift.

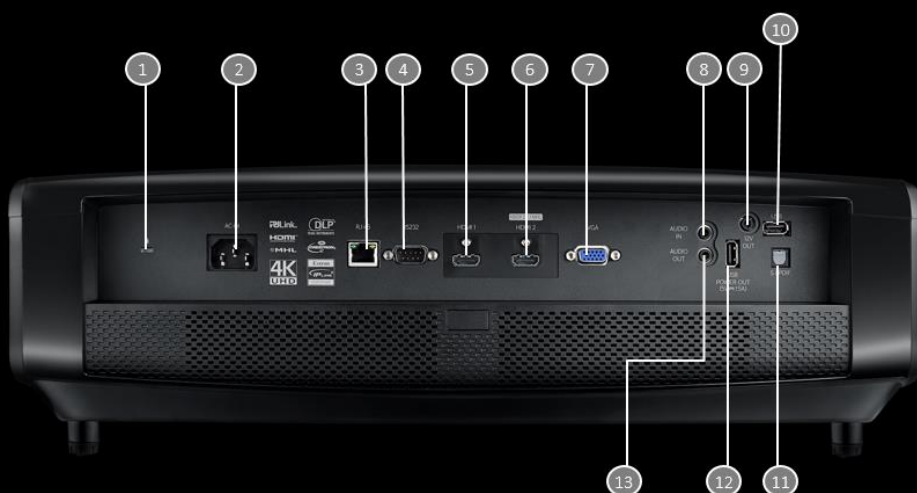


Specifications

| | | | |
|------------------------|---|------------------------|---|
| Display Technology | TI DLP XPR Technology | Resolution | 4K UHD (3480 x 2160) |
| Brightness | 3000 ANSI lumens | Contrast | 2,000,000:1 |
| Zoom type | 1.6x manual | Throw ratio | 1.39-2.22:1 |
| Lens shift | Vertical lens shift 100% + 15% | Projection lens | F#=2.5~3.26 ; f=20.91~32.62 |
| Image size | 30" to 300" (0.95m ~ 15.1m) | Noise level (Eco mode) | 29dB |
| Light source | Laser phosphor | Laser life (hours) | 20,000 |
| Display Colors | 1.073 billion | Scan Rate | Horizontal : 31~135KHz Vertical : 24~120Hz |
| Speaker | 4W*2 sound box | Power supply | 100V ~ 240V ± 10%, 50-60Hz |
| Keystone correction | NA | Standby power | <0.5W |
| Dimensions (W x D x H) | 498 x 331 x 154 mm | Weight (kg) | 9.34 |
| Connections | HDMI 2.0 (HDCP 2.2 supported), HDMI 1.4 VGA (RGB/YPbPr), Audio in 3.5mm, Audio Out 3.5mm, Audio out S/PDIF RJ45, RS232, USB service USB-A Power (1.5A), 12V trigger | | |

Connections

1. Kensington Lock
2. Power Socket
3. RJ-45
4. RS232
5. HDMI 1
6. HDMI 2 (HDCP2.2)
7. VGA
8. Audio in
9. 12V out
10. USB Type A
11. S/P DIF
12. USB Power (5V/1.5A) / Mstar FW upgrade
13. Audio out



Remarks

- USB Type A supports mouse/ service
- Remote mouse requires special remote control
- Only HDMI 2 (HDCP 2.2) supports 4K UHD at 60Hz refresh rate