



UHD35

Next-Generation 4K UHD Home Theater & Gaming Experience



Experience next-generation gaming on a huge screen with the 3,600 lumens, 4K UHD Optoma UHD35 home entertainment projector. Project images up to 300 inches with incredible details, vibrant colors, and outstanding input response for unmatched 4K HDR cinematic and gaming experiences.

HDMI 2.0 with HDCP 2.2 support ensures connectivity to the latest 4K UHD devices while a 12V trigger enables control of motorized screens. Up to 15,000-hour lamp life delivers many years of use with minimal maintenance when using Dynamic mode for a lower total cost of ownership.

-  Bright 3,600 lumens with 1,000,000:1 contrast ratio for lights-on viewing
-  Ultra-fast 240 Hz refresh rate for unmatched 1080p gaming smoothness
-  Enhanced Gaming Mode delivers up to 4.2ms response time at 1080p, 240 Hz, 16ms at 4K UHD.
-  4K UHD (HDMI 2.0, HDCP 2.2) with HDR10 and HLG compatibility
-  Up to 15,000 hour lamp life reduces total cost of ownership
-  Compact, lightweight chassis & quiet operation

Lightning-fast refresh rates up to 240 Hz



Next-generation console gamers can game at 1080p 120 Hz for outstanding smoothness. PC gamers can up the ante and take things to 240 Hz at 1080p for quadruple of the visual fluidity of conventional projectors and TVs.

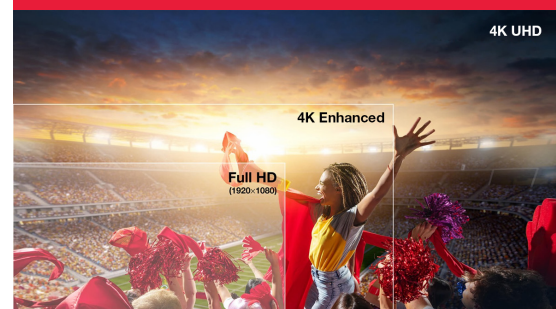
Enhanced Gaming Mode - 16ms at 4K UHD

Feel incredible input response with Enhanced Gaming mode. Combining the lightning-fast 240 Hz refresh rate and Enhance Gaming mode brings virtual instantaneous input response of 4.2ms for a competitive gaming advantage.



Resolution	4K UHD		1080p	
Refresh Rate	60 Hz	60 Hz	120 Hz	240 Hz
Input response	16.7ms	16.7ms	8.9ms	4.2ms

4K ULTRA HD™



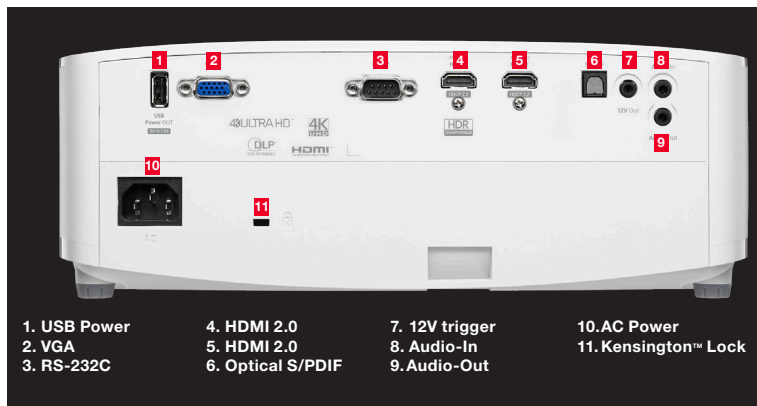
OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments™ 0.47" DMD
Color Wheel	RGBWRGBW 8 segment color wheel
Native Resolution	4K UHD (3840 x 2160) @ 60Hz with XPR Technology
Maximum Resolution	4K UHD (3840 x 2160) @ 60 Hz (4K120 Hz is NOT SUPPORTED) 1080p (1920 x 1080) @ 240 Hz
Brightness	3,600 ANSI lumens
Contrast Ratio	Up to 1,000,000:1 with Dynamic Black
Color Gamut Support	REC.709 color gamut provides rich accurate color based on the HDTV broadcast specification and used with all non-HDR content DCI-P3 wide color gamut is the equivalent to color in the CIE 1931 color space, resulting in vivid colors
HDR (High Dynamic Range)	HDR10 & HLG compatible (REC.2020) Picture Modes: Normal, Bright, Detail, Film HDR SIM (simulate HDR effect with non-HDR content)
4K UHD Upscale	Upscales WXGA, 720p, 1080p, WUXGA, 1440p resolutions and frame rates up to 4K UHD (3840x2160), 60 Hz
Color Depth	4K UHD (3840 x 2160) @30Hz YUV 4:4:4 (8bit, 10bit, 12bit), YUV 4:2:2 (8bit, 10bit, 12bit), YUV 4:2:0 (8bit, 10bit, 12bit) 4K UHD (3840x2160) @60Hz YUV 4:4:4 (8bit), YUV 4:2:2 (8bit), YUV 4:2:0 (8bit, 10bit, 12bit)
Input Response	4K UHD (3840x 2160) @ 60 Hz: 16.7ms
Enhanced Gaming Mode Enabled	1080p (1920 x 1080) @ 60 Hz: 16.7ms 1080p (1920 x 1080) @ 120 Hz: 8.9ms 1080p (1920 x 1080) @ 240 Hz: 4.2ms
Lamp Life and Type*	4000/10,000/15,000 (Bright/ECO/Dynamic)
Projection Method	Front, rear, ceiling mount, table top
Vertical Lens Shift	NA
Keystone	±40°
Geometry	Four corner correction
Uniformity	80%
Offset	105%±5%
Aspect Ratio	16:9 (native), 21:9, 4:3 and LBX compatible
Throw Ratio	1.50 - 1.66
Projection Distance	4' - 32' (without zoom)
Image Size	33" - 300"
Projection Lens	f=15.57 ~ 17.42 mm (manual focus)
Optical Zoom	1.1x (manual)
Digital Zoom	0.8 - 2.0
Audio	10W speaker
Noise Level	26dB
Remote Control	Full function home remote control
Operating Temperature	41-104°F (5-40°C), 85% max humidity
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	Bright: 300W (typical), 330W (max) Eco: 210W (typical), 231W (max)
High Altitude	Operating temp @ sea level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

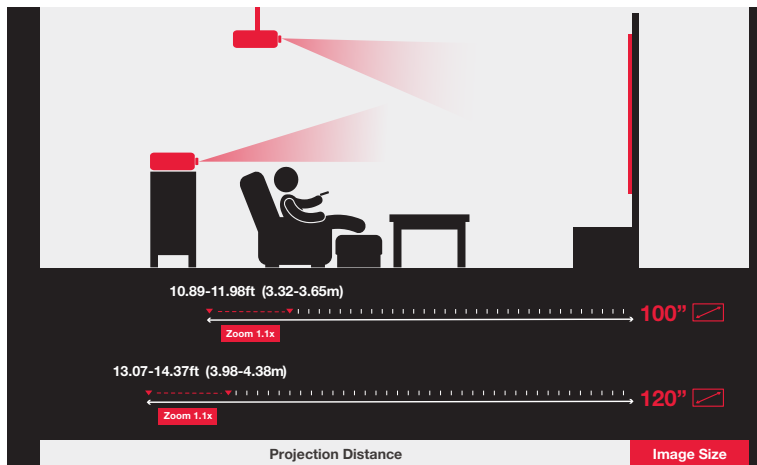
COMPATIBILITY SPECIFICATIONS

Computer Compatibility	4K UHD 2160p, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1366x768), WXGA, HDTV (720p), XGA, SVGA, VGA, PC and Mac compatible
Video Compatibility	4K UHD 2160p (24/50/60Hz), 1080p (24/50/60Hz), 1080i (50/60Hz), 720p (50/60Hz), 480i/p, 576i/p
HDR Source Compatibility	Ultra HD Blu-Ray player, 4K UHD streaming media device (Roku 4K Ultra), Xbox One S / One X and Xbox Series X S, (Ultra HD HDR Blu-ray, 4K media streaming & HDR gaming) and PS4 Pro (4K UHD media streaming, 4K UHD HDR gaming only), PS5 (4K UHD media streaming, 4K UHD HDR gaming only and Ultra HD HDR Blu-ray)
3D Compatibility†	Blu-ray 3D / Frame-pack: 1080p24, 720p50 / 60 (per eye) Sequential: 1080p 120 Hz. 3D glasses are not included. 3D top/bottom and side-by-side is not supported.
Vertical Scan Rate	24Hz to 120Hz
Horizontal Scan Rate	31.000 to 135.000KHz
User Controls	Complete on-screen menu adjustment in 27 languages
I/O Connection Ports	2x HDMI 2.0 (HDCP 2.2), VGA-in (YPbPr/RGB), audio-in (3.5mm), audio-out (3.5mm), S/PDIF out (optical), USB 2.0 (service port), USB power (5V, 1.5A), RS-232C, 12V Trigger
Loop Through (Audio)	Audio passthrough from HDMI to 3.5mm audio out and optical S/PDIF out (2 channels)

*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.
†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player.
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|--------------|-------------------|----------------|----------------------|
| 1. USB Power | 4. HDMI 2.0 | 7. 12V trigger | 10. AC Power |
| 2. VGA | 5. HDMI 2.0 | 8. Audio-In | 11. Kensington™ Lock |
| 3. RS-232C | 6. Optical S/PDIF | 9. Audio-Out | |



PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	8.6lbs.
Dimensions (W x H x D)	12.4" x 4.6" x 10.6"

Warranty

1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

What's in the Box

UHD35 projector, quick start user manual, remote, batteries for remote, power cable

Accessories

Lamp (replacement): BL-FU240E
Remote (replacement): BR-3003B
Universal mount: OCM815W, OCM818W-RU

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