

NEW

GT2300HDR

Full HD 1080p Short Throw Laser Golf Sim Projector

Turn your garage, basement, or spare room into a full golf simulator bay with the GT2300HDR. Its ultra short throw lens throws a massive 100" image from less than four feet away, so you can mount it right behind your hitting mat without worrying about your swing casting a shadow across the screen. No need for a dedicated room or high ceilings, this projector fits the space you already have.



1080p
Full HD

Full HD 1080p



3,600 Lumens
High Brightness



30,000 Hours

HDR

HLG

HDR & HLG
Compatible



DuraCore Laser



8.4ms Input Lag

BUILD YOUR DREAM GOLF SIM IN ANY SPACE.

Key Benefits



3,600 Lumens High Brightness*

Delivers bright, immersive visuals for golf simulation, entertainment, and everyday projection.



Fits Your Bay

Short throw lens projects 30"-300" from just 2-11 feet away.



Full HD 1080p Resolution

Sharp, detailed visuals perfect for immersive golf simulation, realistic course play, and skill development.



Smart Control App

Smart Fit geometry correction, image settings, and power control from your phone.

Long-lasting & Reliable



Durable and Reliable

Built with a dust-resistant IP6X-sealed optical engine.



Flexible Installation

360° operation, keystone correction and 24/7 operation for versatile placement and use.



Zero Lag, Every Swing

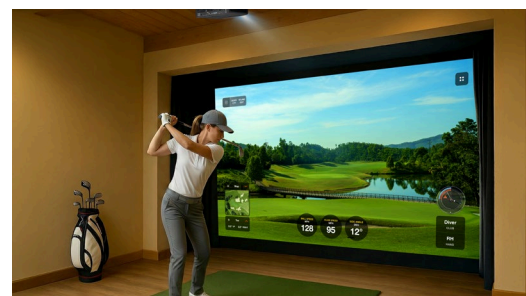
8.4ms input latency at 1080p 120Hz so ball flight keeps pace with your swing in real time.



Maintenance-Free

DuraCore laser technology rated up to 30,000 hours of long-life (Eco mode).

Golf Sim Powerhouse



Tee Off Anytime, Anywhere.

*Brightness measured in accordance with ISO 21118



3,600
LUMENS



Full HD
1080p



Durable
& Reliable



Short
Throw



GT2300HDR

Technical Specifications

Immersive golf simulation. Flexible installation.
Everything needed for realistic play in virtually any room.



DISPLAY / IMAGE	
Display technology	DLP™
Resolution	Full HD 1080p (1920 x 1080)
Brightness	3,600 lumens*
Contrast ratio	300,000:1
Dynamic ratio	2,000,000:1
Native aspect ratio	16:9 (Compatible 4:3, 16:9, 16:10)
Displayable Colors	1,073.4 Million
Keystone correction	H: ±15°, V: ±15°
Horizontal scan rate	15–135 KHz
Vertical scan rate	24–120 Hz
Uniformity	75%
Screen size	30" – 300" diagonal

LIGHT SOURCE	
Light source type	Laser
Light source life	30,000 hours (Eco mode)

OPTICAL / INSTALLATION	
Throw ratio	0.49:1
Projection distance	12.99" – 129.92"
Zoom type	Fixed
Focal length	0.3"
Projection	360°
Native offset	116%

CONNECTIVITY	
Inputs	2 x HDMI 2.0, 4K HDR, Audio In (3.5mm), VGA In, USB-A (Bluetooth dongle)
Outputs	1 x Audio 3.5mm, 1 x USB-A power 1.5A, 12v (3.5mm), 3D Sync
Control	1 x RS232, 1 x RJ45

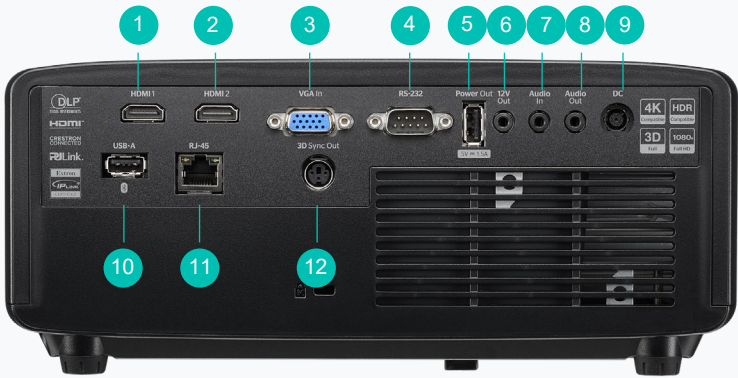
GENERAL / PERFORMANCE	
Noise level (min)	29 dB (Eco mode)
Noise level (max)	31 dB (Bright mode)
PC compatibility	FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC, PAL, SECAM, SDTV, HDTV, UHD 480i/p, 576i/p, 720p(50/60Hz), 1080p(50/60Hz)
3D compatibility	Yes (DLP 3D; PC frame sequential 120Hz 3D, Blue-ray DVD 3D)
3D	Full 3D
Security	Kensington Lock, password protected interface, security bar
OSD languages	27 languages
IP Rating	IP6X
Operating conditions	0–40°C; max altitude 10,000 ft.; Max humidity 80% RH, non-condensing
24/7 operation	Yes
Speaker	1 x 15W
Input Lag	16.7 ms (4K/60Hz), 16.7 ms (1080p/60Hz), 8.4 ms (1080p/120Hz)
In the box	AC power cord, remote control, basic user manual, 2 x AAA Batteries
Warranty	1-Year Limited Standard Warranty on Parts and Labor, plus a 5-Year Limited Warranty on the Light Source
UPC	796435 81 583 7

POWER	
Power supply	Universal AC 100V ~ 240V ±10%~50-60Hz
Standby	<0.5W
Power Consumption (Eco mode)	118W
Power Consumption (Bright mode)	160W

WEIGHT / SIZE	
Dimensions	10.8" x 8.5" x 4.5"
Gross weight	9.9 lbs
Net weight	6.25 lbs



REAR I/O / PRODUCT VIEW | CONNECTIVITY



1. HDMI 1 In
2. HDMI 2 In
3. VGA In
4. RS232
5. USB-A 1.5A
6. 12V Out
7. Audio In
8. Audio Out
9. DC-In
10. USB-A
11. RJ-45
12. 3D Sync Out

PRODUCT DIMENSIONS



Optoma
NO. 1 DLP® LASER BRAND IN AMERICAS*
*Data source: PMA Research Worldwide Projector Census, Q3 2025



Optoma is a visual solutions provider that has delivered stunning experiences to millions of people since 2000. For the last two decades, we have grown our business to become one of the world's leading large-display brands. We have demonstrated our capabilities as a first-mover, innovator, and market leader and firmly established our position as the world's leading 4K UHD projector and DLP® brand.

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