Optoma

NEW

GT5000UHD

True 4K UHD Short Throw Laser Projector

Ultra-bright 4K laser projection for home entertainment and indoor golf simulators —built for short-throw placement, low-lag response, and golf-optimized picture performance.



BIG SCREEN, EVEN BIGGER POSSIBILITIES.

Key Benefits

5,100 Lumens High Brightness*
Delivers vibrant, immersive images for big-screen entertainment and realistic golf simulation.

True 4K UHD Resolution
Experience stunning detail and vibrant color with TI DLP® Chip Technology.

0.79 Short Throw Distance
Reduces shadows and supports flexible placement in home and simulator rooms.

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

Long-lasting & Reliable

Golf Optimized
Enhanced image tuning that promotes realism, color, and on-screen clarity.

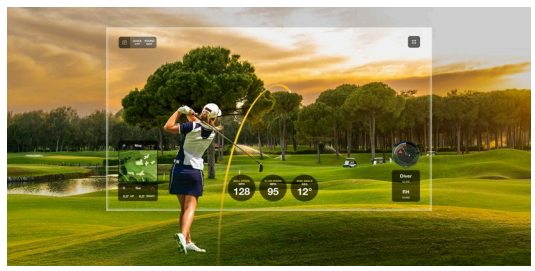
Flexible Installation
360° operation, customized picture mode and 24/7 operation for versatile placement and use.

Low Input Lag
Input lag as low as 8.4ms at 1080p/120Hz for responsive gaming and interactive content.

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

Versatile Application

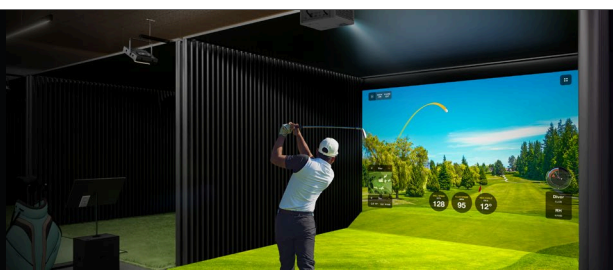
Golf Simulation



Home Entertainment



*Brightness measured in accordance with ISO 21118



Endless Possibilities.

Optoma Golf
Tee Off Anytime

Optomausa.com

GT5000UHD

Technical Specifications

Professional performance. Future-ready features. Everything needed for immersive, high-impact golf simulation and home entertainment environments.



DISPLAY / IMAGE

Display technology	DLP™
Resolution	4K UHD (3840 ×2160)
Brightness	5,100 lumens
Contrast ratio	300,000:1
Dynamic contrast ratio	2,000,000:1
Native aspect ratio	16:9 (4:3, 16:9, 16:10, Full, Auto, Native Compatible)
Screen type	4:3, 16:9, 16:10, 1:1, 21:9, Custom
Displayable Colors	1,073.4 Million
Keystone correction	H: ±15°, V: ±15°
Horizontal scan rate	15 ~ 150 KHz
Vertical scan rate	24 ~ 240Hz
Uniformity	75%
Screen size	30" – 300"

LIGHT SOURCE

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

OPTICAL / INSTALLATION

Throw ratio	0.79:1
Projection distance	2.9' ~ 9.6' (Optical Travel)
Zoom type	Fixed
Focal length	0.46"
Lens shift	Vertical 104%–125%
Native offset	104%–125% (+/−5%)

CONNECTIVITY

Inputs	2 x HDMI 2.0, 1 x Audio 3.5mm
Outputs	2 x USB-A 2.0, 1 x 3D Sync Out, 1 x Audio 3.5mm
Control	1 x RJ45, 1 x RS232, 1 x 12V trigger
LAN control	Yes

GENERAL / PERFORMANCE

Noise level (min)	29 dB (Eco mode)
Noise level (max)	36 dB (Bright mode)
PC compatibility	VGA, SVGA, XGA, 720p, WXGA, SXGA, SXGA+, UXGA, 1080p, WUXGA
2D compatibility	NTSC, PAL, SECAM, SDTV, HDTV, UHD
3D	Full 3D
Security	Kensington Lock, password protected interface
OSD languages	27 languages
Operating conditions	0–40°C; max altitude 10,000 ft.; 80% RH, non-condensing
24/7 operation	Yes
Speaker	1 × 15W
Input Lag	4K/60Hz: 16.7 ms; 1080p/60Hz: 16.7 ms; 1080p/120Hz: 8.4 ms
In the box	AC power cord, remote control, quick start guide, 2 x AAA batteries
Warranty	1 Year parts and labor limited warranty on the projector, 5-year or 12,000 hour light source warranty (whichever comes first)
UPC	796435 81 594 3

POWER

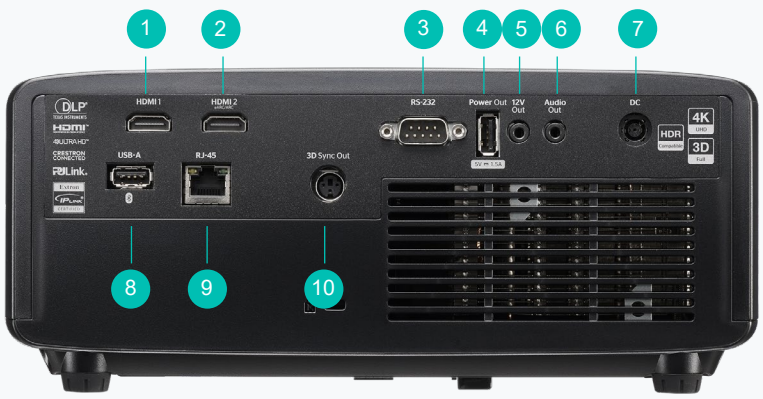
Power supply	100–240V, 50–60Hz
Standby	<0.5W
Power Consumption (Eco mode)	147W @110VAC / 146W @220VAC
Power Consumption (Bright mode)	196W @110VAC / 193W @220VAC

WEIGHT / SIZE

Dimensions	10.8" x 8.5" x 4.5"
Gross weight	9.4 lbs
Net weight	6.6 lbs



REAR I/O / PRODUCT VIEW | CONNECTIVITY



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

PRODUCT DIMENSIONS



NO.1 DLP® LASER BRAND IN AMERICAS*
*Data source: PMA Research: Worldwide Projector Census, Q32025

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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