

HD7300

# 720p **Finest** Picture Quality



## **Projector Plus Video Processor Equals the Finest in 720p Picture Quality**

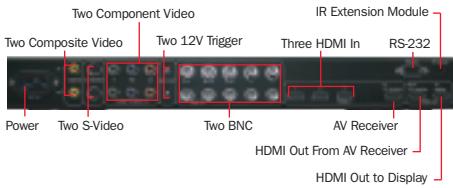
The Optoma HD7300 is a complete home projection system, including a top-of-the-line 720p DLP® projector and studio-quality imaging processor. Featuring Texas Instruments' DarkChip3™ technology, the HD7300 is a unique system that creates vibrant, vivid images that are rich in color and contrast. The HD7300's two-piece design delivers impressive, personalized adjustment settings to achieve deep blacks, high precision and amazing image quality.

- **Advanced 720p DarkChip3 DLP** technology by Texas Instruments
- **1000 lumens** and **5000:1 (full on/off) contrast ratio** delivers subtle details and vibrant images
- **4-way optical lens shift** (vertical and horizontal), allows for ease and precision during projector installation
- **Extensive connectivity** options through the image processor includes: three HDMI plus one external HDMI expansion, two BNC component YPbPr/RGBHV, two component, three s-video, three composite video, one VGA, RS-232, two 12V triggers and one IR port extension
- **10-bit video processing** and **advanced color enhancement**, including user definable gamma, RGBCYM 6-color, 16 region adjustments and ISFccc color setting
- **Single cable connection** between projector and image processor eliminates the need for multiple cables, simplifying the installation
- **Short throw lens** capable of projecting a 100" diagonal image from less than 10 feet

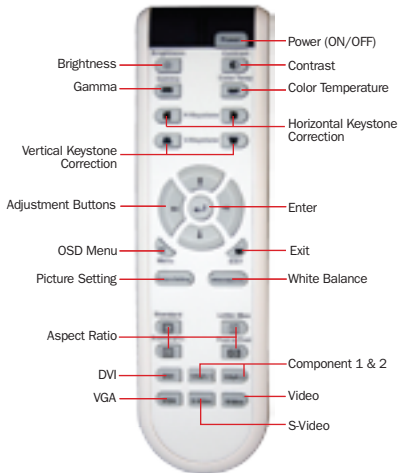
The Optoma logo features a red swoosh above the word "Optoma" in a white, sans-serif font.

[www.OptomaUSA.com](http://www.OptomaUSA.com)

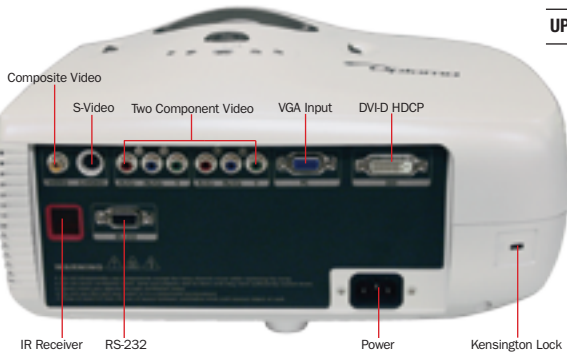
## Video Processor



## Remote Control



## I/O Ports



## Specifications

<b>Display Technology:</b>	Projector: Single 0.80" DarkChip3™ DLP® Technology by Texas Instruments Video Processor: Genum VXP Solutions with 1080i HD De-Interlacing and Color Management
<b>Resolution:</b>	720p (1280 x 720)
<b>Maximum Resolution:</b>	UXGA (1600 x 1200)
<b>Contrast Ratio:</b>	5000:1 (Full On/Full Off)
<b>Brightness (Typical):</b>	1000 Lumens
<b>Aspect Ratio:</b>	Projector: 16:9 Widescreen with Support for 4:3, Letterbox, 3-User Definable Video Processor: 16:9 Native, 4:3 Compatible, Letterbox, 3-User Definable
<b>Image Processing:</b>	Motion Adaptive 480i, 576i, 720p and 1080i De-Interlacing, 10-bit Image Processing, Advanced 3D Comb Filter, Three Presets Plus Three Programmable Display Formats, Advanced Noise Reduction and Sharpening
<b>Color Management:</b>	Projector: User Definable Gamma, RBGCMY 6-Color 16-Region Adjustment, Three User Definable Modes Plus ISFccc Color Settings Video Processor: Studio-Grade CMS, 10-Step Gamma Enhancement, RBGCMY 6-Color, 16-Region Adjustment
<b>Computer Compatibility:</b>	SXGA, XGA, SVGA, VGA, VESA, Macintosh and PC Compatible
<b>Video Compatibility:</b>	Full NTSC/PAL/SECAM, True HDTV (720p, 1080i/p) & 480i/p, 576i/p
<b>Projection Lens:</b>	f=24.0 – 30.1 mm, F/2.36-2.50
<b>Throw Ratio:</b>	1.30 – 1.62:1 (Distance/Width)
<b>Image Size (Diagonal):</b>	30" to 300" (0.76 to 7.62 m)
<b>Projection Distance:</b>	4.92' to 37.40' (1.5 to 11.4 m)
<b>HSync:</b>	15-75kHz
<b>VSyn:</b>	48-85Hz
<b>Lamp Type:</b>	250W UHP
<b>Lamp Life (STD/ECO):</b>	2000/3000 Hours
<b>Keystone Correction:</b>	Horizontal and Vertical
<b>I/O Connectors:</b>	Projector: DVI-D w/HDCP, Two Component Video, Composite Video (RCA), S-Video, RGB, RS-232, Dual IR Receivers Video Processor: Three HDMI Plus One External HDMI Expansion, Two BNC Component YPbPr/RGBHV, Two Component Video, Two S-Video, Two Composite Video, One VGA, RS-232, Two 12V Triggers, One IR Port Expansion
<b>Noise Level (STD/ECO):</b>	33dB/31dB
<b>Weight:</b>	Projector: 14 lbs (6.2 kg) Video Processor: 9.2 lbs (4.2 kg)
<b>Dimensions (W x H x D):</b>	Projector: 13.5" x 5.6" x 12.5" (342 x 144 x 320 mm) Video Processor: 17" x 2.5" x 12" (431.8 x 63.5 x 304.8 mm)
<b>Remote Control:</b>	Fully Featured Remote with Laser Pointer
<b>Power Supply:</b>	AC Input 100 to 240 Volts, 50-60 Hz
<b>Power Consumption:</b>	370 Watts, <5 Watts in Standby Mode
<b>Operating Temperature:</b>	Operating: 23 - 95°F (-5 - 35°C), 80% Humidity (Max) Storage: -7 - 140°F (-20 - 60°C), 80% Humidity (Max)
<b>Uniformity:</b>	90%
<b>Security:</b>	One Kensington® Lock Port
<b>Standard Accessories:</b>	AC Power Cord, DVI to HDMI Cable, S-Video Cable, Composite Cable, Remote Control, Lens Cap, Batteries for Remote, User's Manual, RS-232 Cable, IR Expansion Cable
<b>Optional Accessories:</b>	Ceiling Mount, GrayWolf™ Series Screens, Carrying Case and Gold Service Warranty
<b>Warranty:</b>	3 Years Limited Parts and Labor, 90 Days on Lamp
<b>UPC:</b>	796435 21 815 7



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[www.OptomaUSA.com](http://www.OptomaUSA.com)

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