



Key Features

- PureMotion4D processing ensures smooth and judder-free images for greater realism
- Latest 1080p DarkChip3 DLP® technology by Texas Instruments
- Features Optoma's PureShift Technology for easy installation
- Full 1080p 3D ready for high definition 3D source
- 1500 lumens and a 30,000:1 contrast ratio with DynamicBlack
- Full-function, backlit remote with discrete IR codes and secondary convenience remote
- ISF Certified Calibration Controls, with Day and Night modes

Optoma's HD8300 delivers high-quality color and smooth motion performance for unbeatable home theatre performance. PureColor technology ensures vivid, balanced and uniform color for vibrant and natural looking images. Lens shift capabilities allow installers to optimize performance for the layout and room size of each individual installation. Meanwhile, ISFccc calibration lets the technician capture best picture quality for the environment and lighting conditions. Support for both 2D and 3D* operation ensures that viewers can enjoy the broadest array of media today and into the future.

Detail Specifications

Display Technology Single 0.65" 1080p DarkChip3™ DLP Technology by Texas Instruments	Brightness 1500 ANSI Lumens	Resolution Native 1080p (1920 x 1080) 2D/3D
Contrast Ratio 2000:1 (Full On/Full Off) 30,000:1 (Max) w/ DynamicBlack	Lamp Life and Type 4000/3000 Hours (STD/Bright) 280W P-VIP	Throw Ratio 1.49 to 2.28
Projection Distance 4.9' to 32.8' (1.5 to 10m)	Image Size (Diagonal) 29.8" to 297.3" (0.76 to 7.55m)	Uniformity 85%
Noise Level 28dB	Displayable Colors 1.07 Billion	Lens Shift Vertical 105~115%, Horizontal ±15%
Projection Lens Standard: F= 2.45-2.9, f = 22.18-33.27 mm, 1.5x Manual Zoom and Focus	Aspect Ratio Native 16:9, Fully Automatic 2.35:1 with Anamorphic Lens	Keystone Correction ±5° Vertical
Security Kensington® Lock Port	Projection Method Front, Rear, Ceiling Mount, Table Top	User Controls Complete On-Screen Menu Adjustments in 22 Languages

I/O Connectors

Two HDMI v1.4a, VGA-In, Composite Video, Component Video, RS-232, Two 12v Trigger, Mini USB-B, VESA 3D Port

Video Input Compatibility

1080P 3D, 720p 3D, HD (1080i/p, 720p), EDTV (480p/576p), NTSC, PAL, SECAM

Weight

18.5 lbs (8.4 kg)

Power Consumption

385 Watts (Bright), 315 Watts (STD), <1 Watt (Standby)

Optional Accessories

Ceiling Mount, HDMI Cable, VGA Cable, S-Video Cable, Component Cable, Lens Option, Anamorphic Lens Kit, and Panoview™ Series Screens, DLP Glasses, RF Glasses

Image Processing

True 10-Bit Full HD Processing
3 Stage Optoma Image Processing and 9-step manual setting

Remote Control

Backlit Remote Control with Discrete IR Codes for Power and Source Selection, Magnetically Attached Convenience Remote

Horizontal Scan Rate

15.3 to 91.1 kHz

Dimensions (W x H x D)

19.3" x 7.6" x 14.6" (490 x 194 x 371mm)

Operating Temperature

41 to 95°F (5 to 35°C), 85% Max Humidity, Adjustable Fan Speed for High Altitude Application

Warranty

3-Years Optoma Express Replacement Service, 2-Years on Lamp

Iris Control

DynamicBlack Technology

Computer Compatibility

HD, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible

Vertical Scan Rate

24 to 85 Hz, 120Hz

Power Supply

AC Input 100-240V, 50-60Hz, Auto-Switching

Standard Accessories

AC Power Cord, Composite Video Cable, Remote Control, Secondary Convenience Remote, RF Emitter, Batteries for Remote, Lens Cap, User's Manual, Quick Start Card, and Warranty Card

UPC

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