

## HD8200 - Home Theater Projector

### Superior Functionality, Amazing Imagery

The Optoma HD8200 represents the finest in home theater technologies. Utilizing a 1080p DLP® DMD chipset from Texas Instruments and Optoma's exclusive PureMotion Technology, the HD8200 delivers excellent color saturation and subtle details by smoothing motion and reducing judder. Combining amazing motion processing, ISFccc Day and Night certified modes and user friendly features, the HD8200 delivers superior image quality for the most demanding custom installations.



### Features

- Optoma's unparalleled PureMotion Technology enhances image quality by reducing judder
- Native 1080p DarkChip3™ DLP technology by Texas Instruments
- Features Optoma's PureShift Technology for easy installation
- 1300 lumens and a 20,000:1 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



### Specifications

#### Display Technology

Single 0.65" 1080p DarkChip3  
DMD DLP Technology by Texas Instruments

#### Brightness

1300 ANSI Lumens

#### Resolution

Native 1080p (1920 x 1080)

#### Contrast Ratio

680:1 ANSI Contrast  
20,000:1 (Max) w/DynamicBlack

#### Image Processing

True 10-Bit Full HD Processing  
3 Stage Optoma Image Processing

#### Iris Control

DynamicBlack Technology

#### Lamp Life and Type

3000/2000 Hours (STD/Bright)  
220W UHP

#### Throw Ratio (Distance/Width)

1.49 to 2.28:1

#### Image Size

29.8" to 297.3" (0.75 to 7.55 m)

#### Projection Distance

4.92' to 49.66' (1.5 to 15.13 m)

#### Displayable Colors

1.07 Billion

#### Aspect Ratio

Native 16:9, Fully Automatic 2.35:1  
with Anamorphic Lens

#### Lens Shift

Manual V105 - 130%,  
H±15%@V105%

#### Keystone Correction

±5% Vertical

#### Uniformity

80%

#### Computer Compatibility

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

#### Video Compatibility

Full NTSC, PAL, SECAM, True HDTV  
(720p, 1080i/p), 480i/p, 576i/p

#### Projection Lens

Manual 1.5x Zoom

#### I/O Connection Ports

Two HDMI v1.3 w/Deep Color, DVI  
w/HDCP, VGA-In, S-Video,  
Composite Video, Component  
Video, RS-232, Two +12V Trigger

#### Security

One Kensington® Lock Port

#### Weight

18.5 lbs (8.4 kg)

#### Dimensions (W x H x D)

14.6" x 7.6" x 19.2"  
(371 x 194 x 490 mm)

#### Noise Level

22dB/26dB (STD/Bright)

#### Storage Temperature

-4 - 140°F (-20 - 60°C), 80% Humidity

#### Operating Temperature

41 - 95°F (5 - 35°C), 80% Humidity

#### Power Supply

AC Input 100-240V, 50-60 Hz

#### Power Consumption

345W Max., 232W Min.

#### Warranty

3 Years Optoma Express  
Replacement Service,  
1 Year on Lamp

#### Standard Accessories

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

#### Optional Accessories

Anamorphic Lens Kit, Ceiling Mount,  
HDMI Cable, DVI Cable, VGA to VGA  
Cable, S-Video Cable, Component  
Cable, RS-232 Cable and Panoview™  
Series Screens

#### UPC

796435 81 195 2

#### Accessory Part Numbers

Lamp: BL-FU220D  
Remote: BR-3041B  
Mount: BM-5001U  
Lens: BX-AL133B  
2nd Remote: BR-1002N

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