

## HD20 - Home Theater Projector

### Revolutionizing the HD Experience

The Optoma HD20 brings a new level of flexibility to your high-definition home theater/multi-media experience. With true 1080p resolution, the HD20 delivers excellent color saturation and subtle details for superior image quality. With its sleek design and weight of 6.4 lbs, the Optoma HD20 is perfect for sharing big-screen movies, sporting events and concerts....or for taking your video gaming to the next level by connecting the HD20 to your favorite game console.



### Features

- Bright at 1700 ANSI lumens and contrast ratio of 4000:1
- Up to 300" screen size for large group viewing
- Perfect for connecting to any home entertainment device with HDMI, component, composite video and VGA
- Backlit IR remote control
- Features Texas Instruments 1080p DLP® chipset and BrilliantColor™ technology

### Specifications

#### Display Type

Single 0.65" 1080p DMD DLP Technology by Texas Instruments

#### Resolution

Native 1080p (1920x1080)

#### Brightness (Typical)

1700 ANSI Lumens

#### Contrast Ratio

4000:1 (Full On/Full Off)

#### Lamp Life and Type

4000/3000 Hours (STD/Bright)  
230W P-VIP

#### Throw Ratio

1.5 to 1.8:1 (Distance/Width)

#### Projection Distance

4.92' to 32.8' (1.5 to 10m)

#### Image Size (Diagonal)

37.6" to 301.1" (0.95 to 7.64m)

#### Aspect Ratio

16:9 Native, 4:3 and LBX Compatible

#### Displayable Colors

1.07 Billion

#### Uniformity

70%

#### Remote Control

Backlit Remote Control

#### User Controls

Complete On-Screen Menu Adjustments in 21 Languages

#### Computer Compatibility

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

#### Video Compatibility

NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

#### Projection Lens

F= 2.55-2.87, f= 22.4-26.8mm, 1.2x Manual Zoom and Focus

#### Horizontal Scan Rate

15.3 to 91.1 KHz

#### Vertical Refresh Rate

24 to 85 Hz

#### I/O Connectors

Two HDMI, VGA-In, Component Video, Composite Video and +12V Trigger

#### Security

Kensington® Lock Port, Security Bar and Keypad Lock

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

6.4 lbs (2.9kg)

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

12.76" x 3.82" x 9.21"  
(324 x 97 x 234 mm)

#### Noise Level (STD/Bright)

32dB/34dB



#### Keystone Correction

± 5° Vertical

#### Offset

116%

#### Operating Temperature

41° to 95°F (5° to 35°C), 80% Max Humidity

#### Power Supply

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

#### Power Consumption

308 Watts (Bright), 254 Watts (STD), <1 Watt (Standby)

#### Standard Accessories

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

#### Optional Accessories

Ceiling Mount, Component Cable, HDMI Cable, Composite Video Cable and Panoview™ Series Screens

#### Warranty

One Year Limited Parts and Labor, 90 Days on Lamp

#### UPC

796435 81 103 7

#### Accessory Part Numbers

Lamp: BL-FP230D  
Remote: BR-3042B  
Mount: BM-5001U