

1080p projection BR400HD



Exceptional brightness with minimal maintenance



- Bright 4,000 lumens with 25,000:1 contrast ratio
- Full HD 1080p resolution
- Lightning-fast input response for fast motion video content
- Flexible installations with 1.1x zoom, image shift and keystone correction
- Optional UHDCast Pro for wireless mirroring and streaming
- Outstanding lamp life up to 15,000 hours (Dynamic) reduces overall cost of ownership.



1080P

Full 3D



The Optoma BR400HD is a bright 4,000 lumens 1080p projector optimized for small-to-medium rooms, like classrooms, meeting rooms and training labs. Its brightness and 25,000:1 contrast ratio produces incredible sharp and vivid images, even with moderate room light. Support for sRGB and REC.709 color profiles ensures accurate color reproduction whether the source is PC, Mac or video devices.

A 1.1x zoom delivers robust installation options while wall color adjustment optimizes brightness for projection onto various color surfaces with the Optoma BR400HD.

HDMI-Link technology enables control of the projector and connected devices using a single remote, all via the HDMI connection. Up to 15,000-hour lamp life delivers many years of use with minimal maintenance when using Dynamic mode.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments 0.47" DMD
Color Wheel	RYGCWB
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	4,000 ANSI lumens
Contrast Ratio	25,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	15,000/10,000/4,000 (Dynamic/ECO/Bright) - 240W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° vertical
Uniformity	80%
Offset	116%±5%
Aspect Ratio	16:9 (native), 4:3, 16:10 and LBX compatible
Throw Ratio	1.47 - 1.62:1
Projection Distance	3.2' - 35.37" (no zoom)
Image Size	28" - 301"
Projection Lens	F=2.1 ~ 2.31, f=15.59 ~ 17.14mm
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0
Audio	3W
Noise Level	26dB
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100 - 240V, 50 - 60 Hz, auto-switching
Power Consumption	295W typical (Bright), 325W max (Bright), 215W typical (Eco), 240W max (Eco)
High Altitude	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	15.375 - 91.146KHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 27 languages
I/O Connection Ports	HDMI (1.4a), audio out (3.5mm), USB (1.5a / firmware update)
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Security bar, Kensington lock, password protection
Weight	6.2 lbs.
Dimensions (W x H x D)	12.4" x 4.3" x 9.5"



Warranty

1 Year limited parts and labor warranty on the projector, 90 days lamp warranty

What's in the Box

BR400HD projector, AC power cord, remote control, batteries for remote, quick start user manual

Accessories

Lamp (replacement): BL-FU240H
 Remote (replacement): BR-3001B
 Universal ceiling mount: OCM818B-RU
 Universal ceiling mount (with extensional pole): OCM815B
 4K UHD Casting and mirroring adapter: UHDCast Pro

*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.