

MULTIMEDIA PROJECTORS

BR320



EASY-TO-USE PERFORMANCE TOOL



Comprehensive connectivity to satisfy your current and future needs



15,000:1 Contrast ratio helps deliver the most impactful presentations



Up to 10,000 hours of lamp life for minimal cost of operation

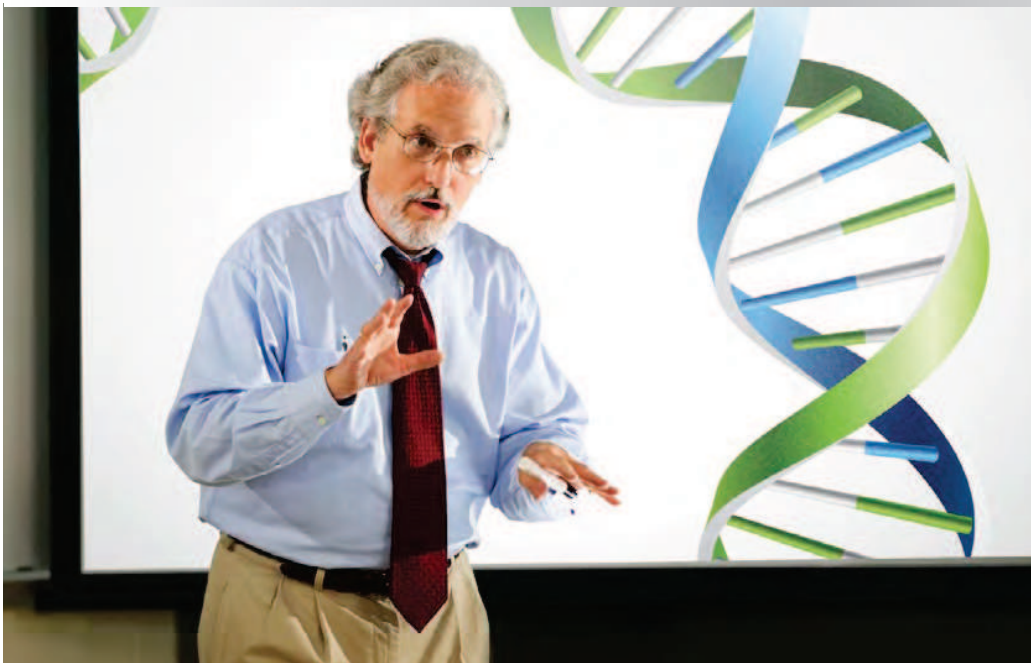


Full featured remote for maximum convenience



RS-232C port for remote operation and control

Full 3D



The Optoma BR320 projector generates a powerful, up to 3200 lumens bright image, combined with an industry leading 15,000:1 contrast ratio to bring out the finest details on your most important presentations or class lessons. HDMI connectivity for full digital compatibility as well as two VGA inputs, composite and S-video to satisfy your current and future needs.

The BR320 is incredibly easy to operate. Connect power and source, press the power ON button, and you will be presenting in no time.

CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART
PHONES



TABLETS



3D BLU-RAY/DVD PLAYERS
SET TOP BOXES



CAMCORDERS



GAME
CONSOLES



DIGITAL
CAMERAS



Roku®



Apple TV®

MULTIMEDIA PROJECTORS — BR320

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.55" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	SVGA (800 x 600)
Maximum Resolution	UXGA (1600 x 1200) & 1080p (1920 x 1080)
Brightness	3200 lumens
Contrast Ratio	15,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life and Type*	10,000/6500/6000/4500 Hours (Education cycle/ECO+/Dynamic/Bright) 190W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	>80%
Offset	115%
Aspect Ratio	4:3 Native, 16:9 compatible
Throw Ratio (distance/Width)	1.97–2.17
Projection Distance	3.9'–32.8' (1.2–10 m)
Image Size (Diagonal)	30"–300" (0.7–7.62 m)
Projection Lens	F=2.51–2.69, f=21.95–24.18 mm, 1.1x manual zoom and focus
Digital Zoom	0.8 ~ 2.0
Audio	2-Watt speaker
Noise Level	26dB
Remote Control	IR remote mouse control
Operating Temperature	41–113°F (5–45°C), 85% max humidity
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 240W (Normal), Min 194W (Eco+), <0.5W (standby-ECO)

COMPATIBILITY SPECIFICATIONS

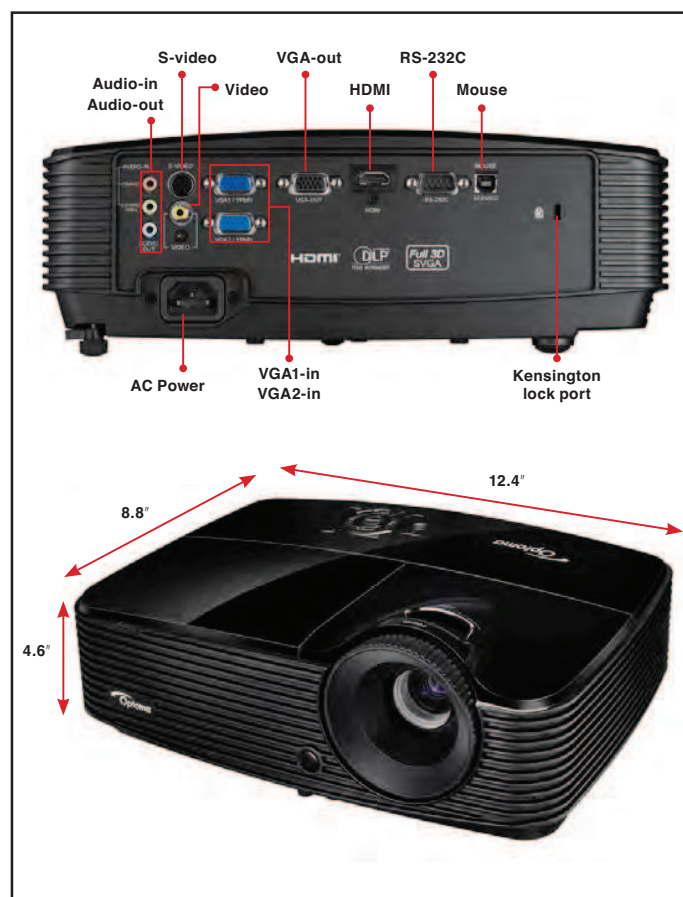
Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format. 3D glasses are needed and sold separately.
Vertical Scan Rate	24–85Hz, 120Hz, 144Hz
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu, adjustments in 27 languages
I/O Connection Ports	HDMI v1.4a, two VGA-in, VGA-out, S-video, composite video, two audio-in, audio-out, RS-232C, USB-B
Loop Through (Audio, VGA)	<i>Monitor:</i> D-Sub 15 pin VGA output (functional in both normal and standby modes), <i>Audio:</i> VAO audio out, HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port, security bar and keypad lock
Weight	4.9 lb (2.21 kg)
Dimensions (W x H x D)	12.4" x 4.6" x 8.8" (315 x 116.4 x 223.5 mm)

*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. *RF 3D glasses* require the use of an *RF 3D emitter* and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.



Warranty

2-Year Optoma Express Service, 1-Year Lamp

In the Box (Standard Accessories)

AC power cord, VGA to VGA cable, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

HDMI cable, ceiling mount, component to VGA cable, composite video cable, RS-232 cable, S-video cable, Optoma screens and DLP® Link™ 3D glasses, carrying case

Accessory Part Numbers:

Lamp: BL-FU190C	Remote: BR-5043N
Mount: BM-5001U	Power cord (5m): BC-PUPIX05
Wireless VGA dongle: BI-EXTBG03	DLP® Link™ 3D glasses: BG-ZD301
Carrying case: BK-4032	

UPC 796435 41 881 6

www.OptomaUSA.com

Optoma
Projector Expert