1080p projection

EH336

Exceptional brightness with minimal maintenance

- **Bright 1080p projection with 3,400 lumens and 20,000:1 contrast ratio**
- **Extensive I/O support with 2xHDMI (with MHL), VGA-In, Composite, Audio-In, Audio-Out, USB Power, RS-232C**
- **Powerful 10 watt speaker enhances presentations and audio/video with crisp and clear sound**
- **Flexible installations with 1.3x zoom**
- **Optional HDCast Pro for wireless mirroring and streaming**
- **Minimal maintenance with 15,000 hour lamp life**

DLP TEXAS INSTRUMENTS · BrilliantColor · HDMI · WIDESCREEN 16:9 ENHANCED · Full HD 1080 · Full 3D · RoHS COMPLIANT

The Optoma EH336 is a bright 3,400 lumens 1080p projector optimized for small-to-medium rooms, like classrooms, meeting rooms and training labs. Its brightness and 20,000:1 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 1.3x zoom delivers robust installation options while wall color adjustment optimizes brightness for projection onto varying color surfaces with the Optoma EH336. The powerful internal speaker, driven by 10 watts of power, can fill a room with loud and crisp audio to further enhance media and presentations.

Robust input options on the Optoma EH336 include 2 HDMI, VGA and composite for connectivity to a wide range of devices. A 15,000-hour lamp life enables many years of use with minimal maintenance.

CONNECTIVITY (May require optional accessories)

Computers

Smart Phones

Tablets

3D Blu-ray/DVD Players

Camcorders

Apple TV®

Chromecast™

1080P PROJECTION — EH336

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.48" DMD S410, DC3 chip DLP® Technology by Texas Instruments
Color Wheel	RYGCWB
Native Resolution	1080p (1920x1080)
Maximum Resolution	WUXGA (1920x1200)
Brightness	3400 ANSI lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	15000/12000/10000/3500 (Extreme Dimming/ Dynamic/ECO/Bright) - 240W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	± 40° Vertical
Keystone Distortion	±1% Max
Uniformity	70%
Offset	116%±5%
Aspect Ratio	16:9 native, 4:3, 16:10 and LBX compatible
Throw Ratio	1.58 - 2.06
Projection Distance	3.9' - 33.46"
Image Size	27" - 299"
Projection Lens	F=2.43 ~2.78, f=16.91 ~ 21.60mm manual
Optical Zoom	1.3x
Digital Zoom	0.8-2.0x
Audio	10W
Noise Level	27/32db
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	300W Typical (Bright mode), 330W Max (Bright mode), 210W Typical (Eco+ mode), 230W Max (Eco+ mode)
High Altitude	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

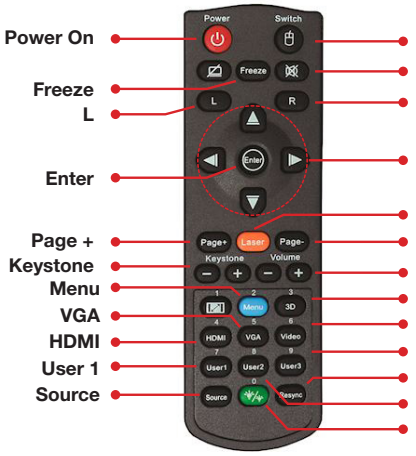
COMPATIBILITY SPECIFICATIONS

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†	Side-by-side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
Vertical Scan Rate	15 - 91kHz
Horizontal Scan Rate	25 - 85Hz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 26 languages
I/O Connection Ports	2xHDMI (with MHL), VGA-in, composite, audio-in (3.5mm), audio-out (3.5mm), USB power, RS-232C
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Security bar, Kensington lock, password protection
Weight	6.75 lbs.
Dimensions (W x H x D)	12.44" x 4.27" x 9.2"

1. HDMI1-In (MHL)
2. HDMI2-In
3. USB Power Out
4. VGA
5. Composite-In
6. Audio-Out
7. Audio-In
8. RS-232C
9. AC In
10. Kensington™ Lock



Warranty

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

What's in the Box

EH336 projector, AC power cord, remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP®Link™ 3D glasses, lamp, remote

Accessory Part Numbers

Lamp: BL-FP240G
Remote: BR5053C
DLP® Link™ 3D glasses: ZD302
Universal ceiling mount: OCM818B-RU
Universal ceiling mount: BM-5001U
Universal ceiling mount (with extensional pole): OCM815B
Single-Cat6 HDBaseT kit: EVBMN-M110
Carrying case: SP.8VH03GC01
HDCast Pro Wireless Mirroring: HDCast Pro-Black

UPC 796435 44 171 5

www.OptomaUSA.com

*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 www.OptomaUSA.com for more information.

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