Bright 1080p projection
EH334

Optoma

Superior 1080p performance

1080p projection with 3,600 lumens and 20,000:1 contrast ratio

Extensive I/O support with HDMI, 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

Optional HDCast Pro enables wireless mirroring and streaming

Minimal maintenance with 15,000 hour lamp life

DLP TEXAS INSTRUMENTS | BrilliantColor With Multi-Color Processing For More Vibrant Colors DLP | HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE | WIDESCREEN 16:9 ENHANCED | 1080P | Full 3D | RoHS COMPLIANT

The Optoma EH334 is a bright 3,600 lumens 1080p projector optimized for small-to-medium rooms, such as classrooms, meeting rooms and training labs. Its brightness and 20,000:1 contrast ratio produces incredibly 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 varying color surfaces with the Optoma EH334. 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 EH334 include 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™

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OPTICAL/TECHNICAL SPECIFICATIONS

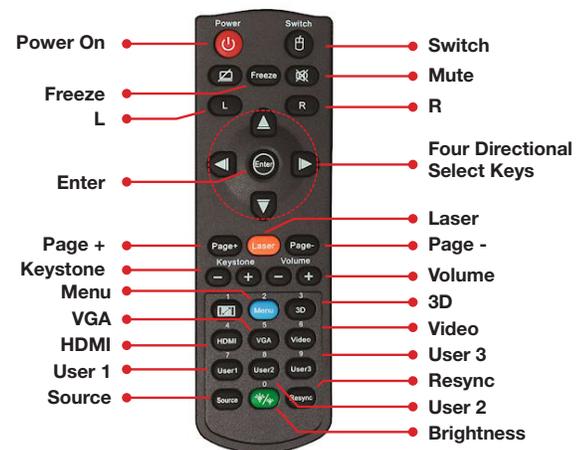|	
Display Technology	Single 0.48" DMD S410, DC3 chip, DLP® Technology by Texas Instruments
Color Wheel	RYGCWB
Native Resolution	1080p (1920x1080)
Maximum Resolution	WUXGA (1920x1200)
Brightness	3600 ANSI lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 Billion
Lamp Life and Type*	15,000/12,000/10,000/3500 (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	1.47 - 1.62
Projection Distance	3.2' - 35.29" (no zoom)
Image Size	28" - 301
Projection Lens	F=2.41 ~2.53, f=21.85 ~ 24mm manual
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0
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 - 60 Hz, 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: WUXGA24, 720p50 / 60 Over-under: WUXGA24, 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	HDMI, VGA-in, composite, audio-in, audio-out, 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
2. USB Power Out
3. VGA
4. Video
5. Audio-Out
6. Audio-In
7. RS-232C
8. AC Power
9. Kensington™ Lock

Power On | Switch
Freeze | Mute
L | R
Enter | Four Directional Select Keys
Page + | Laser
Keystone | Page -
Menu | Volume
VGA | 3D
HDMI | Video
User 1 | User 3
Source | Resync
 | User 2
 | Brightness

Warranty

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

What's in the Box

EH334 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, carry case lamp, remote, HDCast Pro

Accessory Part Numbers

Lamp: BL-FP240G
Remote: BR5053C
DLP® Link™ 3D glasses: ZD302
Ceiling mount: OCM818W-RU
Ceiling mount: BM-5001U
Ceiling mount (with extensional pole): OCM815W
Single-Cat6 HDBaseT kit: EVBMN-M110
Carrying case: SP.8VH03GC01
Wireless Mirroring: HDCast Pro-Black

UPC 796435 44 166 1

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.