

# Ultra Short Throw 1080p Multimedia Projector

## EH340UST

### Spectacular 100" 1080p image from inches away



- Bright 4,000 lumens and 22,000:1 contrast ratio produce razor-sharp images**
- PC-free USB image viewer and office document reader**
- Wireless presentations and images with HDCast Pro (USB Wi-Fi adapter included)**
- USB display screen mirroring with iOS and Android devices**
- LAN display via Ethernet with Windows and Mac OS X**
- Auto keystone and four corner correction for robust installation**



1080P

Full 3D



Enhance presentations and events with colorful and bright 4,000 lumen 1080p images from the Optoma EH340UST. Its 22,000:1 contrast ratio and ultra short throw ratio display sharp 100-inch images from inches away – perfect for space constrained environments such as small classrooms, meeting rooms, boardrooms and digital signage applications.

A PC-free image viewer and document reader display office documents, PDFs and images from USB storage devices. HDCast Pro connectivity provides wireless screen mirroring with Android, Mac OS and Windows devices.

LAN display supports up to 4 simultaneous computers while USB display mirrors Android and iOS devices. Four corner geometric correction allows flexible installations while robust input options include HDMI, VGA and RJ-45 for connectivity to a wide range of devices.

### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

# Ultra Short Throw 1080p Multimedia Projector - EH340UST

## OPTICAL/TECHNICAL SPECIFICATIONS

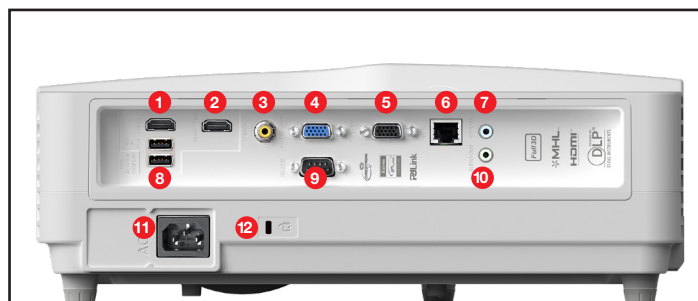
<b>Display Technology</b>	Single Texas Instruments 0.65" 1080p DMD
<b>Color Wheel</b>	6-segment RGBWYC
<b>Native Resolution</b>	1080p (1920 x 1080)
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Brightness</b>	4,000 ANSI lumens
<b>Contrast Ratio</b>	22,000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life and Type*</b>	15,000/10,000/4,000 (Dynamic/ECO/Bright) - 240W
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±4° horizontal/vertical
<b>Uniformity</b>	80%
<b>Offset</b>	118.8%± 3%
<b>Aspect Ratio</b>	16:9 (native), 16:10 and 4:3 compatible
<b>Throw Ratio</b>	0.25:1 (distance/width)
<b>Projection Distance</b>	6"– 9"
<b>Image Size</b>	80"– 100"
<b>Projection Lens</b>	F=2.4, 3.72mm manual focus
<b>Optical Zoom</b>	Fixed lens
<b>Audio</b>	16W
<b>Noise Level</b>	25dB (ECO)
<b>Remote Control</b>	Full function remote
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	Auto-ranging: 100V ~ 240V ± 10%, 50-60Hz
<b>Power Consumption</b>	285W (Bright), 205W (ECO)
<b>High Altitude</b>	Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality

## COMPATIBILITY SPECIFICATIONS

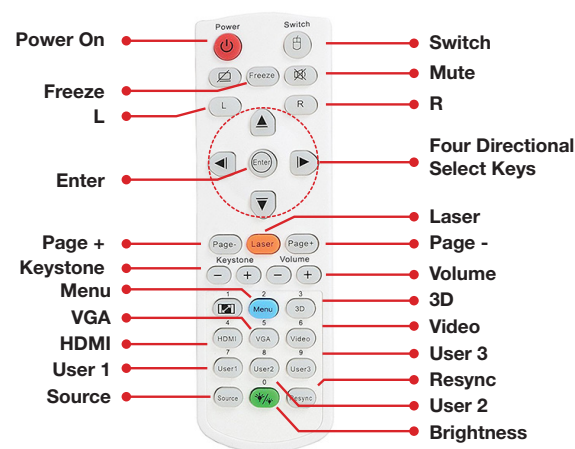
<b>PC Free USB Media Player and Office Document Viewer</b>	Supports playback of audio files, viewing of office documents and PDF files via USB storage devices
<b>PC Free USB Media Player Audio Codecs and Containers</b>	MP3, WMA, OGG, FLAC, APE, ATRAC
<b>PC Free USB Media Player Image formats</b>	JPEG, GIF, BMP
<b>PC Free Office Document and PDF Viewer formats</b>	Word documents (.doc, .docx), Excel spreadsheets (.xls, .xlsx), PowerPoint presentations (.ppt, .pptx), Adobe Acrobat files (.pdf)
<b>Wireless Screen Mirror</b>	Screen mirroring for PC, Mac and Android using EZCast Pro app (requires optional Wi-Fi adapter)
<b>Computer Compatibility</b>	SVGA, VGA, SXGA, UXGA, XGA, WXGA, HD, Mac
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV 480i/p, 576i/p, HDTV 720p(50/60Hz), 1080i(50/60Hz), 1080P(50/60Hz)
<b>3D Compatibility†</b>	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 sold separately. Please refer to user manual for details.
<b>Vertical Scan Rate</b>	24 ~ 85 Hz (120Hz for 3D feature)
<b>Horizontal Scan Rate</b>	15.375 ~ 91.146 KHz
<b>User Controls</b>	Complete on-screen menu adjustment in 18 languages
<b>I/O Connection Ports</b>	HDMI 1.4a (MHL 2.0), HDMI 1.4a, composite video in, audio-in (3.5mm), VGA-in, VGA-out, audio-out (3.5mm), RS-232C, RJ-45, USB port (Wi-Fi adapter), USB port (USB display/PC-free/mouse/power)
<b>Loop Through (Audio)</b>	Yes

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, security bar and keypad lock
<b>Weight</b>	8.7 lbs.
<b>Dimensions (W x H x D)</b>	13.5" x 4.75" x 14.25"



- |               |             |               |
|---------------|-------------|---------------|
| 1. HDMI-1     | 5. VGA-Out  | 9. RS-232C    |
| 2. HDMI-2/MHL | 6. RJ-45    | 10. Audio Out |
| 3. Composite  | 7. Audio In | 11. AC Power  |
| 4. VGA-In     | 8. USB      | 12. K-slot    |



### Warranty

3-Year parts and labor limited warranty on the projector, 1-year lamp warranty or 1000 hours (whichever comes first)

### What's in the Box

EH340UST, AC power cord, remote control, batteries, USB Wi-Fi adapter, CD-ROM user's manual, quick start guide and warranty card

### Optional Accessories

Universal wall mount, remote, UHDCast Pro

### Accessory Part Numbers

Lamp: BL-FU220E  
 Remote: BR-5080C  
 UST wall mount: OWM3000  
 Replacement Wi-Fi adapter: WUSB  
 UHDCast Pro: UHDCast Pro

UPC 796435 44 473 0

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\*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.

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