

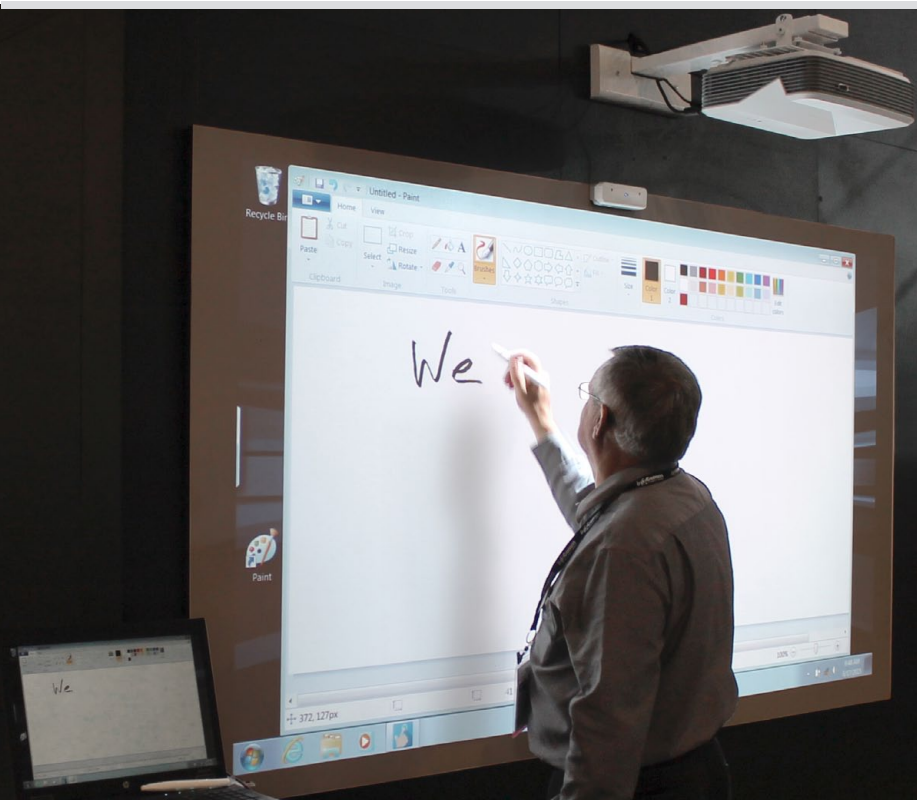
# INDUSTRY FIRST 1080p UST PROJECTOR EH320USTi



## 1080p Interactive Ultra Short Throw Projector For Business and Education



- Industry-leading 1080p 4000 lumen ultra short throw projector with 20000:1 contrast ratio
- Large, clear and, shadow-free 100" image from less than 2' away - IDEAL for installations with limited space
- 4th generation TouchBEAM interactive technology for the ultimate in collaboration
- Low total cost of ownership with 6500 hour lamp life and battery-less pens
- Extensive connectivity, robust network control, and powerful 16-Watt speaker



The Optoma EH320USTi is the market's first Full HD 1080p ultra short throw interactive DLP® projector. This feature packed next generation projector is for business and education users who demand bright 1080p projection fused with the latest and greatest interactive technology.

The EH320USTi sports impressive ultra bright 4000 lumens, 20,000:1 contrast ratio, powerful 16-Watt speaker and amazing 6500-hour lamp life. The EH320USTi's industry-leading throw ratio of 0.25 allows for a 100" image from a throw distance of only 22 inches.

The EH320USTi's best-in-class TouchBEAM interactive technology is Windows 8.1 and Windows 10 compliant with Full Windows Touch Support with 10 Touch Points. Whether participants are engaged using the included pens or their fingers, the EH320USTi enables multiple participants to engage simultaneously with the presenter for the ultimate presentation experience.

### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Digital Cameras



Apple TV®



Chromecast™

# 1080p ULTRA SHORT THROW PROJECTOR – EH320USTi

## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	Full HD 1080p (1920 x 1080)
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Brightness</b>	4000 Lumens
<b>Contrast Ratio</b>	20000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life*</b>	3000/5000/5000/6500 Hrs (Bright/ECO/Dynamic/ECO+)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	>85%
<b>Offset</b>	118%
<b>Aspect Ratio</b>	16:9, 4:3, 16:10, LBX, Native, Auto
<b>Throw Ratio</b>	0.25:1 (distance/width); ±5% Variance
<b>Projection Distance</b>	17.7"–22.1" (0.45–0.56 m)
<b>Image Size (Diagonal)</b>	80"–100" (2.03–2.54 m) Diagonal 16:9
<b>Projection Lens</b>	F/2.4; f=3.72 mm, Fixed Zoom
<b>Zoom</b>	Fixed Zoom
<b>Audio</b>	One 16-Watt speaker
<b>Noise Level</b>	Min 29dB–Max 36dB
<b>Remote Control</b>	IR remote
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	320W Bright Mode / 260W Eco mode (<0.5W Standby)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); MUST manually switch to high altitude mode @ 5000 feet & above (using OSD) to maintain optimal functionality.

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	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)
<b>3D Compatibility<sup>1</sup></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 needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz (120Hz for 3D)
<b>Horizontal Scan Rate</b>	15.3–91.1kHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 25 languages
<b>I/O Connection Ports</b>	2x HDMI (1.4a 3D support), 3D-Sync Port Out, VGA1-In (YPbPr/RGB), VGA2-In/VGA-Out (shared), Composite Video, Audio1-In (analog RCA), Audio2-In (3.5 mm), Audio-Out (3.5 mm), RJ45, RS-232C, mini USB (remote mouse/service), 12V trigger, Mic, USB-A (power)
<b>TouchBEAM</b>	Windows Touch 7/8.1/10 compatibility; Full Windows Touch Support with 10 Touch Points
<b>Epson Arm Mount Compatibility</b>	Adapter Plate for Epson UST Arm Mount (Part# EWMA2000)

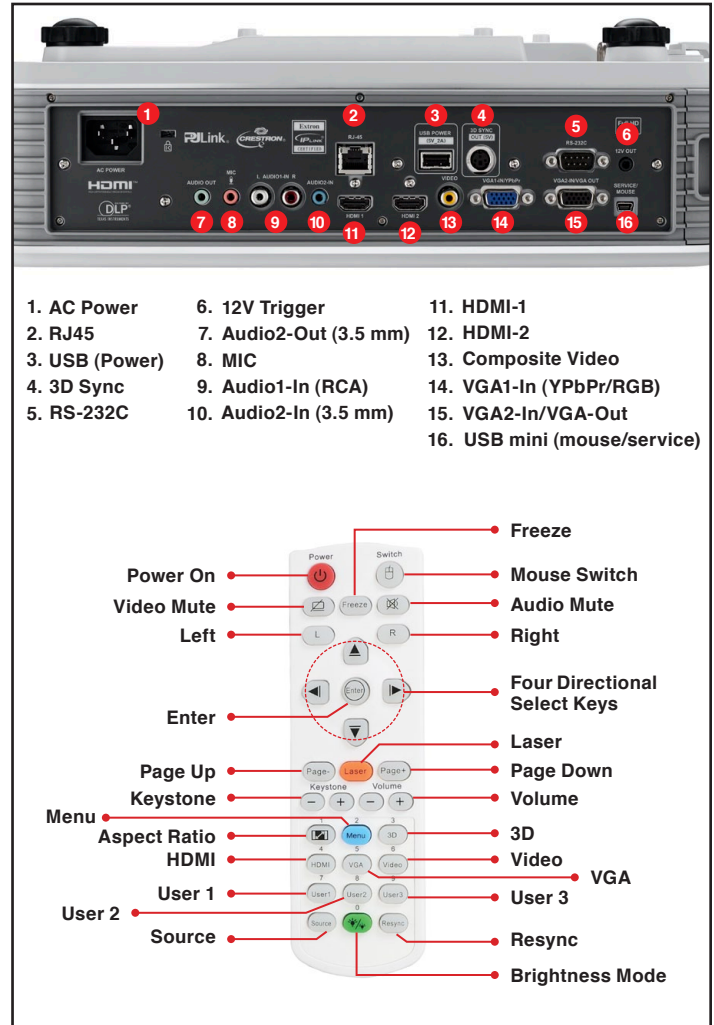
## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar and keypad lock
<b>Weight</b>	10.69 lb (4.85 kg)
<b>Dimensions (W x H x D)</b>	15.15" x 4.72" x 12.20" (385 x 120 x 310 mm)

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

<sup>1</sup>3D content can be viewed with either RF or DLP Link active shutter 3D 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](http://www.OptomaUSA.com) for more information.

<sup>2</sup>Interactive feature is optimized for the projector's native resolution of 1920 x 1080 (1080p). For best results, the output resolution of the host computer must be set to 1280 x 800. USB 2.0 connection is required for best interactive pen performance. Touch Mode feature requires Windows 7 or higher with Windows 8.1 recommend.



### Warranty

3-Year Optoma Express Service, 1-Year on Lamp

### What's in the Box

EH320USTi projector, AC power cord, VGA cable, USB cable, remote control, batteries, quick start card, CD user manual, TouchBEAM interactive module, 2x passive pens

### Optional Accessories

HDMI cable, ceiling mount, component to VGA cable, RS-232 cable, Optoma screen, DLP® Link™ 3D glasses, RF 3D glasses, RF 3D emitter, Wireless HDMI Solution, Laser Curtain Module (Replacement), Adapter Plate for Epson Arm Mount

### Accessory Part Numbers

Lamp: SP.72701GC01 Remote: SP.72702GC01  
 Wireless HDMI Solution: WHD200 Wireless VGA Dongle: BI-EXTBG03  
 VGA to component adaptor: BC-VGCRXY00 RF 3D glasses: ZF2300GLASSES  
 DLP® Link™ 3D glasses: ZD302 RF 3D emitter: BC300  
 Adapter plate for Epson arm mount: EWMA2000 Optoma Wall mount: OPCWM1100  
 Laser Curtain Module (replacement): SP.72703GC01

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