

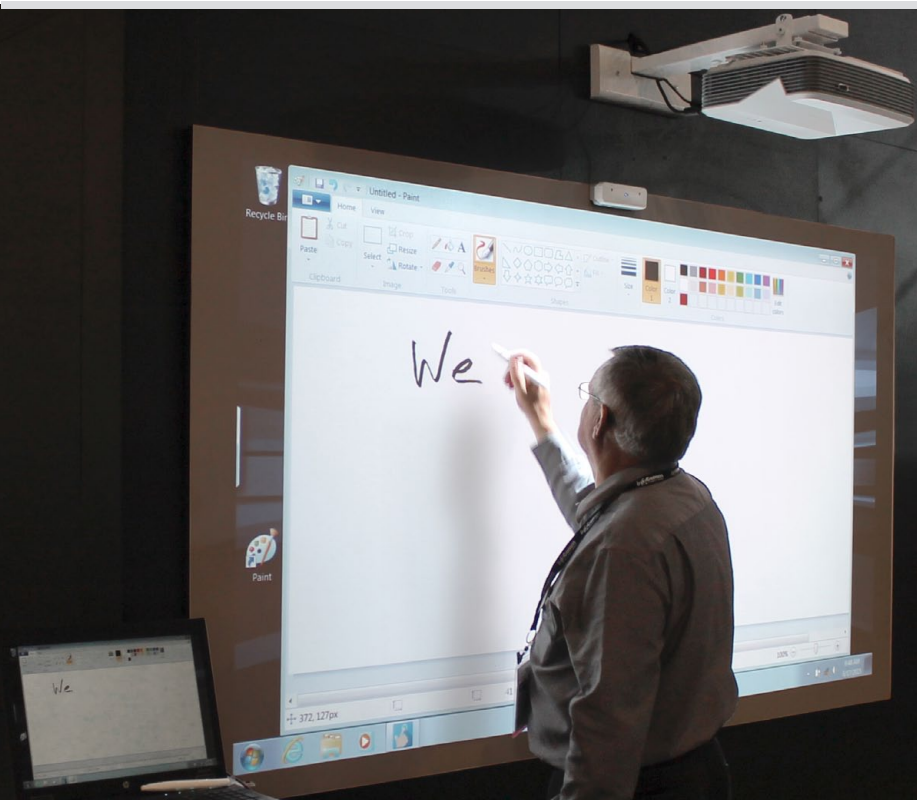
INDUSTRY FIRST 1080p UST PROJECTOR EH320USTi



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

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

Computer Compatibility	UXGA, SXGA, WXGA, HD, 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 Compatibility¹	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.
Vertical Scan Rate	24–85Hz (120Hz for 3D)
Horizontal Scan Rate	15.3–91.1kHz
User Controls	Complete on-screen menu, adjustments in 25 languages
I/O Connection Ports	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)
TouchBEAM	Windows Touch 7/8.1/10 compatibility; Full Windows Touch Support with 10 Touch Points
Epson Arm Mount Compatibility	Adapter Plate for Epson UST Arm Mount (Part# EWMA2000)

PHYSICAL SPECIFICATIONS

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

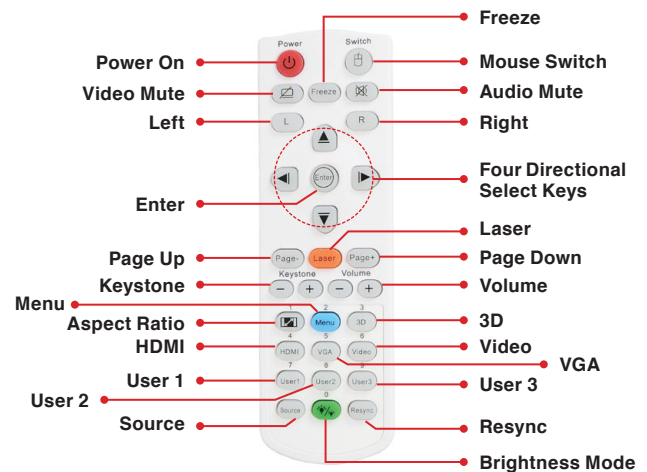
*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

¹3D 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 for more information.

²Interactive 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.



- | | | |
|----------------|------------------------|------------------------------|
| 1. AC Power | 6. 12V Trigger | 11. HDMI-1 |
| 2. RJ45 | 7. Audio2-Out (3.5 mm) | 12. HDMI-2 |
| 3. USB (Power) | 8. MIC | 13. Composite Video |
| 4. 3D Sync | 9. Audio1-In (RCA) | 14. VGA1-In (YPbPr/RGB) |
| 5. RS-232C | 10. Audio2-In (3.5 mm) | 15. VGA2-In/VGA-Out |
| | | 16. USB mini (mouse/service) |



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	

UPC 796435 41 949 3

