1080P UST PROJECTOR
EH319USTi

Optoma

1080P INTERACTIVE ULTRA SHORT THROW PROJECTOR FOR BUSINESS AND EDUCATION

1080p 3500 lumen ultra short throw projector with 18000:1 contrast ratio

Large, clear and shadow-free 100" image from less than 2' away - ideal for installations with limited space

Satisfying total cost of ownership with 6500 hour lamp life & battery free Stylus

Extensive connectivity, robust network control and powerful 16-Watt speaker

PICTURE BY **DLP** TEXAS INSTRUMENTS | FEATURES **BrilliantColor** | **NATIVE 16:9** WIDESCREEN | **Full 3D** 1080p | **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE | **CRESTRON** | **RoHS** COMPLIANT

The Optoma EH319USTi is a full HD 1080p ultra short throw projector. The EH319USTi is Optoma's feature-packed next generation ultra short throw projector for business and education users who demand bright 1080p projection fused with the latest and greatest interactive technology.

The EH319USTi sports an impressive ultra bright 3500 lumens, 18000:1 contrast ratio, powerful 16-Watt speaker and amazing 6500 hour lamp life. The EH319USTi's powerful throw ratio of 0.25 allows a 100 inch image from a throw distance of only 22 inches.

The EH319USTi'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 Stylus (use not required) or their fingers, the EH319USTi 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™

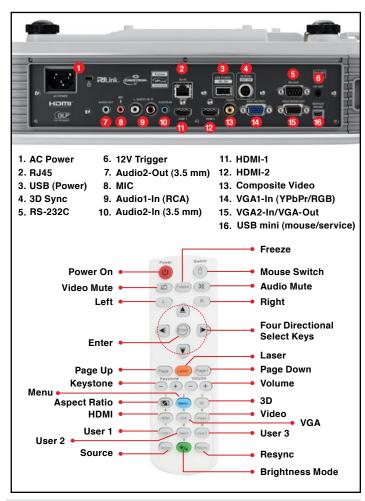# 1080P UST PROJECTOR — EH319USTi

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	3500 ANSI Lumens
Contrast Ratio	18000:1
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	WUXGA, 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 Compatibility†	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)
LCT and Finger Touch Operating System Compatibility	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
Interactive Tools Operating System Compatibility	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
Epson UST Arm Mount Compatibility	Adapter Plate for Epson Arm Mount (Part #EWMA2000)
Loop Through (Audio)	Yes

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)

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

Remote control labels:
- Power On
- Video Mute
- Left
- Enter
- Page Up
- Keystone
- Menu
- Aspect Ratio
- HDMI
- User 1
- User 2
- Source
- Freeze
- Mouse Switch
- Audio Mute
- Right
- Four Directional Select Keys
- Laser
- Page Down
- Volume
- 3D
- Video
- VGA
- User 3
- Resync
- Brightness Mode

Warranty

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

What's in the Box

EH319USTi projector, AC power cord, VGA cable, USB cable, remote control, batteries, quick start card, CD user manual, TouchBEAM interactive module, 2x Stylus

Optional Accessories

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, Adapter plate for Promethean arm mount

Accessory Part Numbers

Lamp: SP.72701GC01	Remote: SP.72702GC01
Wireless HDMI Solution: WHD200 Wireless	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: OWM2100
Adapter plate for Promethean arm mount: BM-4001P	
Laser Curtain Module (replacement): SP.72703GC01	

UPC 796435 44 016 9

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

†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 for more information.

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