Ultra Short Throw 1080p Multimedia Projector
EH330UST

Optoma

Spectacular 100" 1080p image from inches away

Bright 3,600 lumens and 20,000:1 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

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DLP TEXAS INSTRUMENTS | **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE | **1080P** | **Full 3D** | **MHL** | **RoHS compliant** | **CRESTRON** | **PCFree**

Enhance presentations and events with colorful and bright 3,600 lumen 1080p images from the Optoma EH330UST. Its 20,000:1 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 - EH330UST
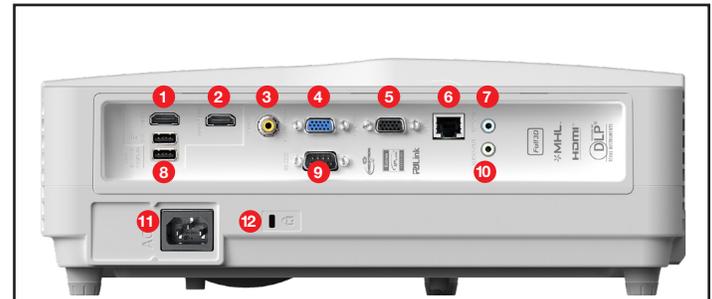
OPTICAL/TECHNICAL SPECIFICATIONS

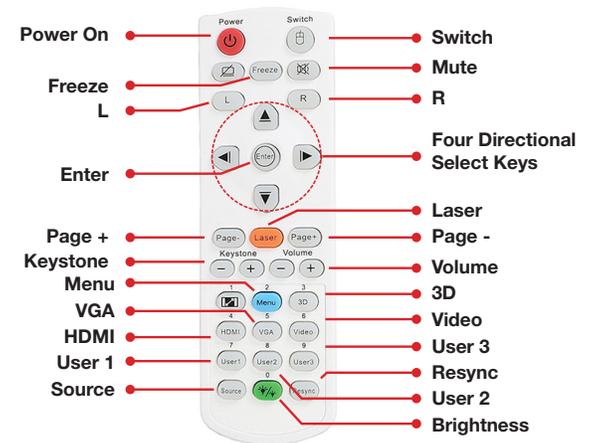|	
Display Technology	Single Texas Instruments 0.65" 1080p DMD
Color Wheel	6-segment RGBWYC
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	3,600 ANSI lumens
Contrast Ratio	20,000:1
Displayable Colors	1.07 billion
Lamp Life and Type*	15,000/10,000/4,000 (Dynamic/ECO/Bright) - 240W
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±4° horizontal/vertical
Uniformity	80%
Offset	118.8%± 3%
Aspect Ratio	16:9 (native), 16:10 and 4:3 compatible
Throw Ratio	0.25:1 (distance/width)
Projection Distance	6"– 9"
Image Size	80"– 100"
Projection Lens	F=2.4, 3.72mm manual focus
Optical Zoom	Fixed lens
Audio	16W
Noise Level	25dB (ECO)
Remote Control	Full function remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	Auto-ranging: 100V ~ 240V ± 10%, 50-60Hz
Power Consumption	285W (Bright), 205W (ECO)
High Altitude	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

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

PHYSICAL SPECIFICATIONS

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

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

Power On
Freeze
L
Enter
Page +
Keystone
Menu
VGA
HDMI
User 1
Source

Switch
Mute
R
Four Directional Select Keys
Laser
Page -
Volume
3D
Video
User 3
Resync
User 2
Brightness

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

EH330UST, AC power cord, remote control, batteries, quick start user manual

Accessories

Lamp (replacement): BL-FU220E
Remote (replacement): BR-5080C
Universal UST wall mount: OWM3000
Mounting Plate: BM-4003p
Wi-Fi adapter: WUSB
4K UHD Casting and mirroring adapter: UHDCast Pro
QuickCast Pro 4K HDMI starter kit: QCP-SK-4K-HDMI (1 TX and 1 RX)
QuickCast Pro 4K HDMI starter kit: QCP-4K-KIT (2 TX, 1 RX, 1 Cradle)

UPC 796435 44 252 1

*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.

Optoma.com