Ultra Short Throw 1080P Entertainment Projector HD39UST

Instant large screen entertainment from inches away

- **Bright 4,000 lumens and 20,000:1 contrast ratio produce razor-sharp images**
- **Auto keystone and four corner correction for quick, trouble-free setup**
- **Easy place and play large screen entertainment experience**
- **USB display screen mirroring with iOS and Android devices**
- **Wireless presentations and images with HDCast Pro (optional USB Wi-Fi adapter required)**
- **PC-free USB image viewer and office document reader**

DLP TEXAS INSTRUMENTS · HDMI · 1080P · Full 3D · MHL · RoHS compliant · CRESTRON · PCFree

Instantly transform your entertainment experience with a large, 100-inch 1080p image from only inches away with the 4,000 lumen Optoma HD39UST. Simply place the projector and connect a gaming console or video player and let its
auto keystone, four-corner correction, 20,000:1 contrast ratio and 16-watt speaker impress by automatically optimizing the image for any surface with stunning visuals and crisp audio.

USB display supersizes Android and iOS gaming by mirroring your experience via a single USB cable. Optional HDCast Pro connectivity provides wireless screen mirroring with Android, Mac OS and Windows devices to easily broadcast your mobile gaming experiences for everyone to see.

Four corner geometry correction allows flexible placement for projection onto virtually any surface while robust input options include HDMI, VGA and RJ-45. Up to 15,000 hours of lamp life ensures long-term reliability with minimal maintenance.

CONNECTIVITY (May require optional accessories)

Computers

Smart Phones

Tablets

3D Blu-ray/DVD Players

Camcorders

Apple TV®

Chromecast™

Ultra Short Throw 1080p Gaming Projector - HD39UST

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	4,000 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	Auto, ±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

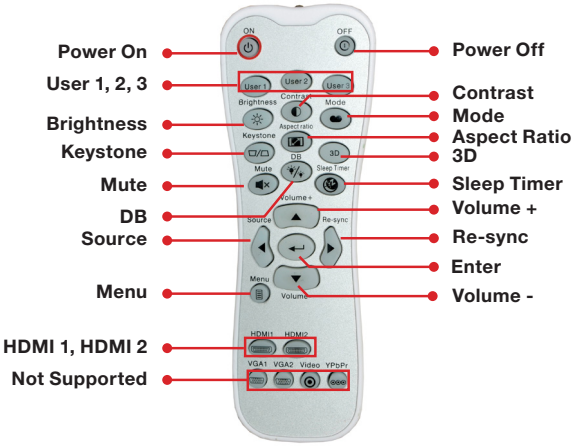
COMPATIBILITY SPECIFICATIONS

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



Warranty

3 Year limited parts and labor warranty on the projector , 90 days lamp warranty

What's in the Box

GT5600, AC power cord, remote control, batteries, quick start user manual

Accessories

Lamp (replacement): BL-FU220E
Remote (replacement): BR-5080C
Remote (optional/backlit): BR-3003B
UST wall mount: OWM3000
Wi-Fi adapter (required for HDCast Pro functions): WUSB
4K UHD Casting and mirroring adapter: UHDCast Pro

UPC 796435 81 324 6

*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

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