Ultra Short Throw 1080p Laser Multimedia Projector

ZH500UST

Optoma

Spectacular, large images from only inches away

Bright 5,000 lumens and 100,000:1 contrast ratio

Laser light source provides up to 30,000 hours of life

Ultra short 0.25:1 throw ratio

PC-free USB image viewer, office document reader and video player

Wireless display and smartphone casting

DLP TEXAS INSTRUMENTS | BrilliantColor | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | 1080P | Full 3D | LASER | RoHS COMPLIANT | CRESTRON

Create large projections in space constrained environments with the 5,000 lumens, 1080p, ultra short throw Optoma ZH500UST. An ultra short 0.25:1 throw ratio delivers large projections from inches away, ideal for classrooms, meeting rooms, boardrooms and digital signage applications.

Four corner geometric correction, 360° operation and 30,000 hours of light source life provide flexible installation and dependable operation. A PC-free image viewer and document reader display office documents, PDFs, images and videos from USB storage devices.

Robust input options include HDMI, VGA and composite for connectivity to digital and analog video sources. LAN connectivity enables easy control via telnet and Crestron for managed installations.

CONNECTIVITY (May require optional accessories)

Computers | Smart Phones | Tablets | 3D Blu-ray/DVD Players | Camcorders | Apple TV® | Chromecast™

Ultra short throw 1080p laser multimedia projector - ZH500UST
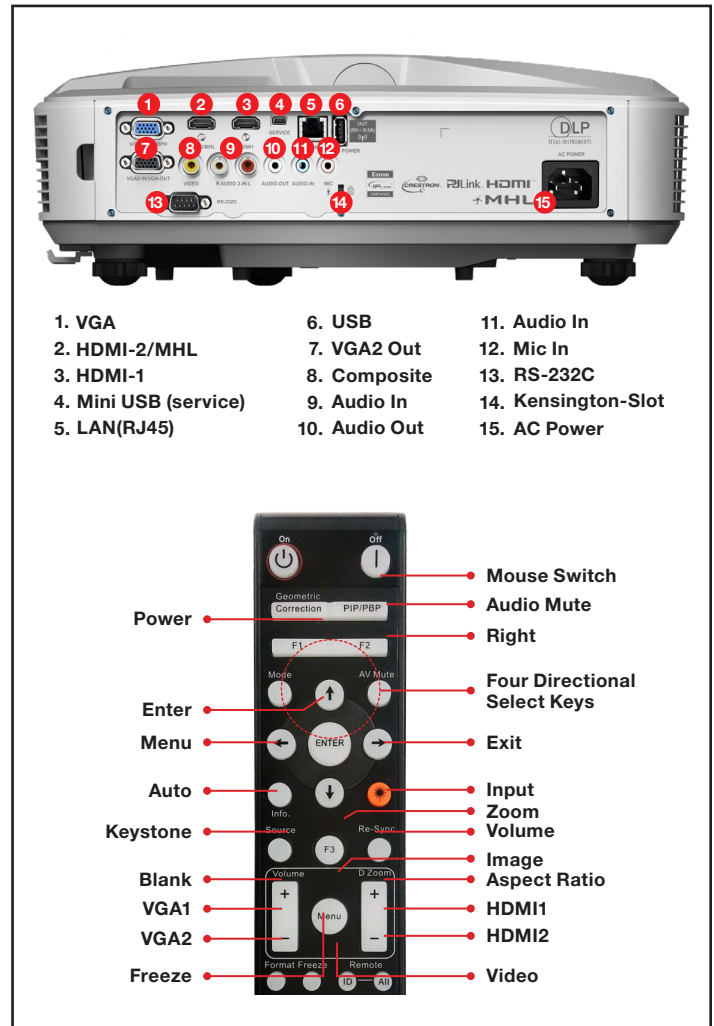
OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single Texas Instruments 0.65" 1080p DMD
Color Wheel	4 segment RGBY
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	5,000 ANSI lumens
Contrast Ratio	100,000:1
Displayable Colors	1.07 billion
Light Source Life and Type*	Laser, 30,000 hours (Eco), 20,000 hours (Bright)
Projection Method	Front, rear, ceiling mount, table top
Portrait Mode	Yes, lens at bottom
Keystone Correction	±40° vertical & horizontal
Uniformity	85%
Offset	120%±3%
Aspect Ratio	16:9 (native) and 4:3 compatible
Throw Ratio	0.25:1
Max Projection Distance	9.5" - 16.1"
Image Size	90" ~ 120"
Projection Lens	F/2.4, f=3.7mm
Optical Zoom	Fixed lens
Digital Zoom	0.8 - 2.0x
Audio	10W speaker
Noise Level	32dB
Remote Control	Full function remote with laser
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 90 – 264V, 50–60 Hz
Power Consumption	400W max (Bright) 260W max (Eco)
High Altitude	Operating temperature at sea level up to 10000 feet = 73F (max); Must manually switch to high altitude mode from 5000 feet and above (using OSD menu) to maintain optimal functionality

COMPATIBILITY SPECIFICATIONS

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	50 - 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	2x HDMI 1.4, VGA, VGA out, composite video, audio-in (3.5mm), audio-in (RCA L/R), Mic-in, audio out (3.5mm), USB-B (service), USB (PC-free reader), USB (for Wi-Fi adapter), RS-232C, RJ45
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port, security bar and keypad lock
Weight	12.5lbs
Dimensions (W x H x D)	15" x 3.5" x 12.5"

1. VGA
2. HDMI-2/MHL
3. HDMI-1
4. Mini USB (service)
5. LAN(RJ45)
6. USB
7. VGA2 Out
8. Composite
9. Audio In
10. Audio Out
11. Audio In
12. Mic In
13. RS-232C
14. Kensington-Slot
15. AC Power

Mouse Switch
Audio Mute
Power
Right
Enter
Four Directional Select Keys
Menu
Exit
Auto
Input
Keystone
Zoom
Volume
Blank
Image
Aspect Ratio
VGA1
HDMI1
VGA2
HDMI2
Freeze
Video

Warranty

5-year or 12,000 hour light source warranty (whichever comes first), 3-year parts and labor limited warranty on the projector.

What's in the Box

ZH500UST projector, AC power cord, remote control, batteries for remote, quick start guide and warranty card

Optional Accessories

Universal wall mount, remote

Accessory Part Numbers

Remote: BR-3080N
Wall mount: OWM3000

UPC 796435 44 388 7

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