

Ultra Short Throw 1080p Laser Multimedia Projector

ZH500UST



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



1080P

Full 3D



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

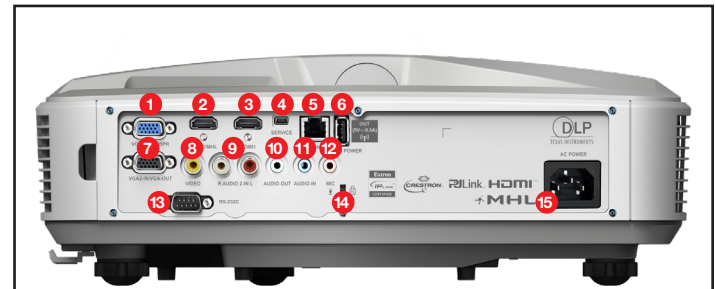
Display Technology	Single Texas Instruments 0.65" 1080p DMD
Color Wheel	4 segment RGBY
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	5,000 ANSI lumens
Contrast Ratio	100,000:1
Displayable Colors	1.07 billion
Light Source Life and Type*	Laser, 30,000 hours (Eco), 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"



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



Warranty

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

What's in the Box

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

Accessories

Remote (replacement): BR-3080N
 Universal Wall mount: OWM3000
 Mounting Plate: BM-4003p
 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 44 388 7

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*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 www.OptomaUSA.com for more information.

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