1080p Professional Installation Short Throw Laser Projector

ZH606TST-W

Short throw, bright, compact and virtually maintenance free

- Bright 6,000 ANSI lumens and 1080p resolution
- 4K UHD HDR input with HDMI 2.0 (HDCP 2.2)
- 0.79:1 short throw ratio
- DuraCore maintenance-free laser light source up to 30,000 hours
- Vertical lens shift with four corner correction
- Integrated HDBaseT and 12v trigger
- 360° and portrait mode operation

PROSCENE

DLP TEXAS INSTRUMENTS · BrilliantColor · HDMI · 1080p · NATIVE 16:9 WIDESCREEN · Full 3D · RS-232 · DuraCore LASER · CRESTRON

Project from a short distance large Full HD images with the 6,000 lumens Optoma ProScene ZH606TST. The short lens 0.79:1 throw ratio produces a 100-inch image from just a few feet away from the projection surface, the ideal solution for space constrained installations.

Compact size, low weight and quiet operation make it perfect for higher education, corporate board rooms and other professional installations. Vertical lens shift, four corner correction, 360° and portrait mode operation enable flexible installations.

HDMI, HDBaseT and a wide variety of digital and analog I/Os, provide connectivity to virtually any device, including support for high-quality 4K HDR digital video or legacy analog video sources, while LAN and RS-232 enable control via Crestron, Extron, AMX or Telnet. Stereo speakers with 10W per channel provide rich audio for all-in-one applications while a 12V trigger output ensures compatibility with motorized screens.

CONNECTIVITY (May require optional accessories)


Computers


Smart Phones


Tablets


3D Blu-ray/DVD Players


Camcorders


Apple TV®


Chromecast™

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OPTICAL/TECHNICAL SPECIFICATIONS

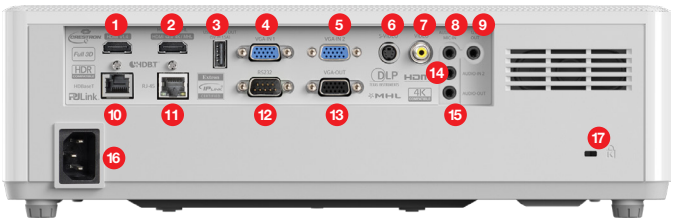
Display Technology	Texas Instruments™ 0.65" 1080p DMD
Color Wheel	4 segment RGBY
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	4K (4096 x 2160, 60Hz)
Brightness	6,000 ANSI lumens
Contrast Ratio	300,000:1 (Extreme Black enabled) 2,000:1 full on/full off
Displayable Colors	1.07 billion
Lamp Life and Type*	Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
Light Source Type*	DuraCore laser
Projection Method	Front, rear, ceiling mount, table top, 360˚ and portrait mode operation capable
Keystone Correction	±20° horizontal and vertical
Geometry	Four corner adjustment
Lens Shift	21% vertical
Uniformity	85%
Offset	106%
Aspect Ratio	16:9 (native), 4:3 compatible
Throw Ratio	0.79:1
Projection Distance	1.64'- 17.3'
Image Size	29" – 303"
Projection Lens	F=2.5, f=11.6mm
Optical Zoom	NA
Digital Zoom	0.8 - 2.0x
Audio	2 x 10W (stereo)
Noise Level	33db
Remote Control	Full function remote with laser pointer
360° and Portrait mode Operation	Yes (limitations apply). Please consult user manual for more details.
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	Bright: 415W (typical), 477W (max) Eco: 188W (typical), 216W (max)
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

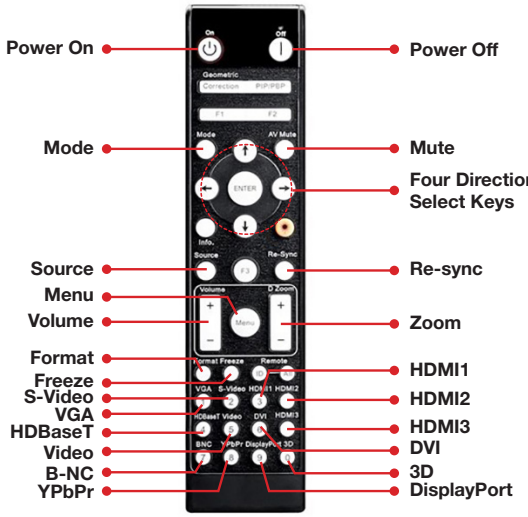
Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K, 4K UHD
Video Input Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p 4K UHD 2160p (24/50/60 Hz)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, 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 sold separately. Refer to user manual for details.
Vertical Scan Rate	24 ~ 85 Hz (120 Hz for 1080p 3D feature)
Horizontal Scan Rate	15.375 ~ 91.146 KHz
User Controls	Graphic user interface and on-screen menu in 27 languages
I/O Connection Ports	1x HDMI 2.0 (HDCP 2.2, MHL), 1x HDMI 1.4, 1x HDBaseT, 1x composite, 2x VGA, 1x S-video, 1x audio in, 1x mic/audio in, 1x USB-A (power), 1x VGA out (support VGA loop through to monitor) (monitor out), 1x audio out, 1x 12v trigger
Control	1x RJ-45, 1x RS-232C

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	12.3 lbs
Dimensions (W x H x D)	14.7" x 4.6" x 11.9"



1. HDMI 2
2. HDMI 1/MHL
3. USB Power-Out
4. VGA-In 1
5. VGA-In 2
6. S-Video
7. Video
8. Audio-In/Mic-In
9. 12V-Out
10. HDBaseT
11. RJ-45
12. RS232
13. VGA-Out
14. Audio-in 2
15. Audio-Out
16. AC Power
17. Lock



Warranty

3-year or 20,000 hour light source warranty (whichever comes first), 3-year Optoma Express advance exchange warranty on the projector.

What's in the Box

ZH606TST-W, AC power cable, remote, batteries, quick start guide and warranty card

Optional Accessories

Remote, ceiling mount

Accessory Part Numbers

Universal ceiling mount: BM-5001U
Remote: BR-3075W

UPC 796435 44 429 7

*Light source life is dependent on brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.

Portrait orientation must follow the recommended positions. Please consult the user manual for further information.

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