WUXGA Professional Installation Laser Projector
ZU506T-W

Bright, compact and virtually maintenance-free

- Bright 5,000 ANSI lumens and WUXGA resolution
- 4K UHD HDR input with HDMI 2.0 (HDCP 2.2)
- Light source life up to 20,000 hrs
- Vertical lens shift with four corner correction
- LAN and RS232 control with Crestron, Extron, AMX and Telnet compatibility
- Integrated HDBaseT and 12v trigger
- Stereo speakers with 10W per channel

Project beautiful WUXGA visuals that engage audiences with the 5,000 lumen Optoma ProScene ZU506T. A laser light source eliminates lamp and filter replacements for up to 20,000 hours of low-cost and virtually maintenance-free operation.

The compact size, low weight and quiet operation make it perfect for boardrooms, higher education, houses of worship and entertainment venues. Vertical lens shift, four corner correction, 360° and portrait mode operation enable flexible installations.

HDMI, HDBaseT and VGA inputs provide connectivity to 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, a 12V trigger output ensures compatibility with motorized screens.

CONNECTIVITY (May require optional accessories)
WUXGA Professional Installation Laser Projector - ZU506T-W

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology: Texas Instruments™ 0.67” WUXGA DMD
Color Wheel: 4 segment RGBY
Native Resolution: WUXGA
Maximum Resolution: 4K UHD (3840 x 2160 @ 60Hz)
Brightness: 5,000 ANSI lumens
Contrast Ratio: 300,000:1 (Extreme Black enabled) 1,800:1 full on/full off
Displayable Colors: 1.07 billion
Lamp Life and Type*: Up to 20,000 hrs
Light Source Type*: Laser phosphor
Projection Method: 360, front, rear, ceiling mount, table top
Keystone Correction: ±30° horizontal and vertical
Geometry: Four corner adjustment
Lens Shift: 8% vertical
Uniformity: 80%
Offset: 99%-107% ±5%
Aspect Ratio: 16:10 (native), 16:9, 4:3 (compatible)
Throw Ratio: 1.40-2.24:1
Projection Distance: 3.28’- 32.8’
Image Size: 20.8” – 331.6”
Projection Lens: F=2.5-3.26 f=20.91-32.62
Optical Zoom: 1.6x
Digital Zoom: 0.8 - 2.0x
Audio: 2 x 10W (stereo)
Noise Level: 36db (Normal) / 30db (Eco)
Remote Control: Full size remote with laser pointer
360 degree and Portrait mode operation: Yes
Operating Temperature: 41–104°F (5–40°C), 85% max humidity
Power Supply: AC input 100–240V, 50–60Hz, auto-switching
Power Consumption: 353W ±15% (Full), 321W±15% (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

Computer Compatibility: VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA
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
Horizontal Scan Rate: 15.375 – 91.146 KHz
User Controls: Graphic user interface and on-screen menu in 27 languages
I/O Connection Ports: 2x HDMI 1.4 (HDMI 2 MHL), 1x HDBaseT 1x composite, 2x VGA, 1x S-video, 1x audio in, 1x mic in, 1x USB-A (power), 1x VGA out (VGA 1 only), 1x audio out, 1x 12v trigger
Control: 1x RJ-45, 1x RS-232C, 1x wired remote
Loop Through (Audio): Yes

PHYSICAL SPECIFICATIONS

Security: Kensington® lock port, password (OSD)
Weight: 12.12 lbs
Dimensions (W x H x D): 14.7” x 4.6” x 11.9”

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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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
ZU506T-W, AC power cable, lens cap, remote control, batteries, quick start guide, CD user manual, carrying case

Optional Accessories
Remote, mount, HDCast Pro, 3D glasses, HDBaseT transmitter

Accessory Part Numbers
Universal ceiling mount: BM-5001U
HDBaseT Transmitter: 4K100TX
DLP®Link™ 3D glasses: ZD302
Remote: BR-3075W
Wireless: HDCast PRO - BLACK

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