WUXGA Professional Installation Laser Projector
ZU506-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 30,000 hrs
Vertical lens shift with four corner correction
LAN and RS232 control with Crestron, Extron, AMX and Telnet compatibility
360° and portrait mode operation
Stereo speakers with 10W per channel

Project beautiful WUXGA visuals that engage audiences with the 5,000 lumen Optoma ProScene ZU506. A laser light source eliminates lamp and filter replacements for up to 30,000 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 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.
WUXGA Professional Installation Laser Projector - ZU506-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 30,000 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 (HDMI2 MHL), 1x composite, 2x VGA, 1x S-video, 1x audio in,1x mic/audio in, 1x USB-A (power), 1x VGA out (VGA 1 only), 2x 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.